

Adopted Budget

City of Portland, Oregon

Fiscal Year 2016-17

Volume Two

**City Funds and
Capital Projects**

Mayor Charlie Hales

Commissioner Nick Fish

Commissioner Amanda Fritz

Commissioner Steve Novick

Commissioner Dan Saltzman

Auditor Mary Hull Caballero

*This document is printed on 100% post-
consumer waste recycled paper.*

Table of Contents

User's Guide	1
City Funds	5
General Fund	5
General Reserve Fund	6
Grants Fund	7
Public Safety Service Area Funds	9
BFRES Facilities GO Bond Construction Fund	9
Emergency Communication Fund	10
Fire & Police Disability & Retirement Fund	12
Fire & Police Disability & Retirement Res Fund	14
Fire & Police Supplemental Retirement Res Fund	15
Police Special Revenue Fund	16
Public Safety GO Bond Fund	18
Parks, Recreation, & Culture Service Area Funds	19
Golf Fund	19
Golf Revenue Bond Redemption Fund	20
Parks Capital Improvement Program Fund	21
Parks Endowment Fund	23
Parks Local Option Levy Fund	24
Portland International Raceway Fund	25
Portland Parks Memorial Fund	27
Spectator Venues & Visitor Activities Fund	28
Public Utilities Service Area Funds	33
Environmental Remediation Fund	33
Hydroelectric Power Bond Redemption Fund	35
Hydroelectric Power Operating Fund	37
Hydroelectric Power Renewal Replacement Fund	39
Sewer System Construction Fund	40
Sewer System Debt Redemption Fund	42
Sewer System Operating Fund	53
Sewer System Rate Stabilization Fund	55
Solid Waste Management Fund	56
Water Bond Sinking Fund	57
Water Construction Fund	64
Water Fund	65
Community Development Service Area Funds	67
42nd Avenue NPI Debt Service Fund	67
82nd Ave/Division NPI Debt Service Fund	68
Airport Way Debt Service Fund	69
Arts Education & Access Fund	71
Assessment Collection Fund	72

Table of Contents

Bancroft Bond Interest and Sinking Fund	73
Central Eastside Ind. District Debt Service Fund	77
Children's Investment Fund	80
Community Development Block Grant Fund	81
Community Solar Fund	83
Convention and Tourism Fund	84
Convention Center Area Debt Service Fund	85
Cully Blvd. NPI Debt Service Fund	87
Development Services Fund	88
Division-Midway NPI Debt Service Fund	89
Education URA Debt Service Fund	90
Gateway URA Debt Redemption Fund	91
Headwaters Apartment Complex Fund	93
HOME Grant Fund	96
Housing Investment Fund	97
Interstate Corridor Debt Service Fund	99
Lents Town Center URA Debt Redemption Fund	102
Local Improvement District Fund	105
North Macadam URA Debt Redemption Fund	106
Parkrose NPI Debt Service Fund	109
Property Management License Fund	110
River District URA Debt Redemption Fund	111
Rosewood NPI Debt Service Fund	114
South Park Blocks Redemption Fund	115
Tax Increment Financing Reimbursement Fund	117
Waterfront Renewal Bond Sinking Fund	118
Willamette Industrial URA Debt Service Fund	120
Transportation & Parking Service Area Funds	121
Gas Tax Bond Redemption Fund	121
Parking Facilities Fund	123
Transportation Operating Fund	125
Transportation Reserve Fund	129
City Support Services Service Area Funds	131
Bonded Debt Interest and Sinking Fund	131
CityFleet Operating Fund	135
EBS Services Fund	136
Facilities Services Operating Fund	138
Governmental Bond Redemption Fund	142
Health Insurance Operating Fund	144
Insurance and Claims Operating Fund	145
Pension Debt Redemption Fund	146
Printing & Distribution Services Operating Fund	148
Special Finance and Resource Fund	149
Special Projects Debt Service Fund	151
Technology Services Fund	154

Workers' Comp. Self Insurance Operating Fund	155
Capital Improvement Plan Summaries	157
Bureau of Development Services	157
Bureau of Environmental Services	159
Portland Fire & Rescue	179
Bureau of Fire & Police Disability & Retirement	181
Office of Management & Finance	183
Portland Parks & Recreation	195
Portland Bureau of Transportation	219
Portland Water Bureau	235



User's Guide

The budget document consists of two volumes. Volume One contains general information and an overview of the budget for the City of Portland, as well as the budgets for individual City bureaus and offices. Volume Two provides detailed information about the City's funds and capital projects (capital project details are only included in the Adopted Budget).

If you have any questions about the budget document or the City's budget, please call the City Budget Office at (503) 823-6925 or email citybudgetoffice@portlandoregon.gov.

Volume One - Bureau Budgets

Mayor's Message	This is a message from the Mayor about the challenges and opportunities faced in preparing the Proposed Budget and highlights the Mayor's budget priorities. Changes that occurred in the Approved and Adopted Budget phases will not be reflected in this document.
Overviews	<p>City Overview</p> <p>The City Overview gives general information about the City of Portland, including its demographics and government management systems.</p> <p>Budget Overview</p> <p>The Budget Overview presents the total City budget from a number of perspectives, identifies the Council's strategic goals and values, and outlines the City's overall budget process. It also summarizes key budget decisions and delineates the links between those decisions and City Council goals and strategic issues.</p> <p>Financial Overview</p> <p>The Financial Overview lays out the City's financial planning process, fiscal structure, and related policies. This section also includes the five-year forecast, a discussion of City debt management, and highlights of key revenue and expenditure trends.</p> <p>Budget Notes</p> <p>The Budget Notes section lists issues which require further analysis or action, per Council's direction. The notes generally direct bureaus to undertake a particular assignment.</p>
Financial Summaries	These summaries show Citywide revenues, expenses, and authorized positions. Tables at the beginning of Volume One summarize the City budget across all funds, list bureau expenses and total City expenses by fund, and detail the City's Capital Improvement Plan (CIP). The Appropriation Schedule, Tax Levy computations, and Urban Renewal Tax Certifications are also included. This section concludes with tables related to the City's debt obligations.

Service Area Information

City bureaus are categorized into service areas based on the nature of their programs and services. Each service area section of the budget document (Adopted Budget only) begins with a description of the service area and budget highlights for bureaus in that service area. This is followed by the budget for each bureau in the service area. The City's seven service areas are:

- Public Safety
- Parks, Recreation, & Culture
- Public Utilities
- Community Development
- Transportation & Parking
- Elected Officials
- City Support Services

Volume Two - City Funds

Fund Summaries by Service Area

Presented in the same service area order as Volume One, these sections detail the resources and requirements of each City fund. A brief description of each fund's purpose and relevant trends and issues are incorporated with fund financial information.

Capital Project Details

These sections, included only in the Adopted Budget, describe each of the City's capital projects by bureau and capital program. Each project includes a title, project description, funding source (last line of project description), historical and five-year projected costs, net operation and maintenance costs, the geographic location of the project, the project objective, total project cost (projected cost of the total project if expenditures are planned beyond the five-year plan), original project cost (displays the total project cost as identified during the first year of project implementation), and the confidence level of the bureau that the project costs will not change. Project titles beginning with "NEW" were not included in the previous year's five-year capital improvement plan.

Portland Development Commission (PDC) Adopted Budget

As required by the City's Charter, the PDC Adopted Budget is incorporated here by reference. See the PDC website for the PDC Adopted Budget: <http://www.pdc.us/>.

Figure 1: Appropriated Funds by Managing Agency

Managing Agency	Fund	Service Area	Fund Type
Bureau of Development Services			
	Development Services Fund	Community Development	Special Revenue
Bureau of Emergency Communications			
	Emergency Communication Fund	Public Safety	Special Revenue
Bureau of Environmental Services			
	Environmental Remediation Fund	Public Utilities	Enterprise
	Sewer System Construction Fund	Public Utilities	Enterprise
	Sewer System Debt Redemption Fund	Public Utilities	Enterprise
	Sewer System Operating Fund	Public Utilities	Enterprise
	Sewer System Rate Stabilization Fund	Public Utilities	Enterprise
Bureau of Fire & Police Disability & Retirement			
	Fire & Police Disability & Retirement Fund	Public Safety	Fiduciary
	Fire & Police Disability & Retirement Reserve Fund	Public Safety	Fiduciary

Figure 1: Appropriated Funds by Managing Agency (Continued)

Managing Agency	Fund	Service Area	Fund Type
Bureau of Planning & Sustainability			
	Community Solar Fund	Community Development	Special Revenue
	Solid Waste Management Fund	Public Utilities	Enterprise
City Budget Office			
	Fire & Police Supplemental Retirement Reserve Fund	Public Safety	Fiduciary
	General Fund	City Fund	Major Governmental
	General Reserve Fund	City Fund	Special Revenue
Commissioner of Public Affairs			
	Children's Investment Fund	Community Development	Special Revenue
Office of Management & Finance			
	320 Cully Blvd. NPI Debt Service Fund	Community Development	Debt Service
	42nd Avenue NPI Debt Service Fund	Community Development	Debt Service
	82nd/Division NPI Debt Service Fund	Community Development	Debt Service
	Airport Way Debt Service Fund	Community Development	Debt Service
	Arts Education & Access Fund	Community Development	Special Revenue
	BFRES Facilities GO Bond Construction Fund	Public Safety	Capital Projects
	Bonded Debt Interest and Sinking Fund	City Support Services	Debt Service
	Central Eastside Industrial District Debt Service Fund	Community Development	Debt Service
	CityFleet Operating Fund	City Support Services	Internal Service
	Convention and Tourism Fund	Community Development	Special Revenue
	Convention Center Area Debt Service Fund	Community Development	Debt Service
	Division-Midway NPI Debt Service Fund	Community Development	Debt Service
	Education URA Debt Service Fund	Community Development	Debt Service
	Enterprise Business Solutions Services Fund	City Support Services	Internal Service
	Facilities Services Operating Fund	City Support Services	Internal Service
	Gateway URA Debt Redemption Fund	Community Development	Debt Service
	Governmental Bond Redemption Fund	City Support Services	Debt Service
	Grants Fund	City Support Services	Major Governmental
	Health Insurance Operating Fund	City Support Services	Internal Service
	Insurance and Claims Operating Fund	City Support Services	Internal Service
	Interstate Corridor Debt Service Fund	Community Development	Debt Service
	Lents Town Center URA Debt Redemption Fund	Community Development	Debt Service
	North Macadam URA Debt Redemption Fund	Community Development	Debt Service
	Parkrose NPI Debt Service Fund	Community Development	Debt Service
	Pension Debt Redemption Fund	City Support Services	Debt Service
	Printing & Distribution Services Operating Fund	City Support Services	Internal Service
	Property Management License Fund	Community Development	Special Revenue
	Public Safety GO Bond Fund	Public Safety	Capital Projects
	River District URA Debt Redemption Fund	Community Development	Debt Service
	Rosewood NPI Debt Service Fund	Community Development	Debt Service
	South Park Blocks Redemption Fund	Community Development	Debt Service
	Special Finance and Resource Fund	City Support Services	Capital Projects
	Special Projects Debt Service Fund	City Support Services	Debt Service
	Spectator Venues & Visitor Activities Fund	Parks, Recreation, & Culture	Enterprise
	Technology Services Fund	City Support Services	Internal Service
	Waterfront Renewal Bond Sinking Fund	Community Development	Debt Service
	Willamette Industrial URA Debt Service Fund	Community Development	Debt Service
	Workers' Comp Self Insurance Operating Fund	City Support Services	Internal Service
Office of the City Auditor			
	Assessment Collection Fund	Community Development	Special Revenue

Figure 1: Appropriated Funds by Managing Agency (Continued)

Managing Agency	Fund	Service Area	Fund Type
	Bancroft Bond Interest & Sinking Fund	Community Development	Debt Service
	Local Improvement District Fund	Community Development	Capital Projects
Portland Bureau of Transportation			
	Gas Tax Bond Redemption Fund	Transportation & Parking	Debt Service
	Parking Facilities Fund	Transportation & Parking	Enterprise
	Transportation Operating Fund	Transportation & Parking	Major Governmental
	Transportation Reserve Fund	Transportation & Parking	Special Revenue
Portland Housing Bureau			
	Community Development Block Grant Fund	Community Development	Special Revenue
	Headwaters Apartment Complex Fund	Community Development	Enterprise
	HOME Grant Fund	Community Development	Special Revenue
	Housing Investment Fund	Community Development	Special Revenue
	Tax Increment Reimbursement Fund	Community Development	Special Revenue
Portland Parks & Recreation			
	Golf Fund	Parks, Recreation, & Culture	Enterprise
	Golf Revenue Bond Redemption Fund	Parks, Recreation, & Culture	Enterprise
	Parks Capital Improvement Program Fund	Parks, Recreation, & Culture	Capital Projects
	Parks Endowment Fund	Parks, Recreation, & Culture	Permanent
	Parks Local Option Levy Fund	Parks, Recreation, & Culture	Special Revenue
	Portland International Raceway Fund	Parks, Recreation, & Culture	Enterprise
	Portland Parks Memorial Fund	Parks, Recreation, & Culture	Special Revenue
Portland Police Bureau			
	Police Special Revenue Fund	Public Safety	Special Revenue
Portland Water Bureau			
	Hydroelectric Power Bond Redemption Fund	Public Utilities	Enterprise
	Hydroelectric Power Operating Fund	Public Utilities	Enterprise
	Hydroelectric Power Renewal Replacement Fund	Public Utilities	Enterprise
	Water Bond Sinking Fund	Public Utilities	Enterprise
	Water Construction Fund	Public Utilities	Enterprise
	Water Fund	Public Utilities	Enterprise

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	219,884,559	238,351,582	248,787,405	263,368,000	263,368,000	263,368,000
Licenses & Permits	167,880,349	184,881,129	189,477,574	204,920,282	196,210,816	196,210,816
Charges for Services	20,036,256	22,427,480	22,578,934	24,082,882	24,082,882	24,005,697
Intergovernmental	27,200,418	28,463,550	32,291,754	28,025,383	28,025,812	28,026,393
Miscellaneous	3,630,619	4,129,995	3,147,908	3,553,548	3,553,548	3,553,548
Total External Revenues	438,632,201	478,253,736	496,283,575	523,950,095	515,241,058	515,164,454
Fund Transfers - Revenue	37,756,447	27,482,226	25,276,482	30,450,378	30,501,974	30,571,958
Interagency Revenue	22,652,985	23,697,573	27,848,175	29,271,956	29,271,956	29,224,456
Total Internal Revenues	60,409,432	51,179,799	53,124,657	59,722,334	59,773,930	59,796,414
Beginning Fund Balance	29,369,078	37,067,314	46,250,590	27,039,794	27,039,794	27,039,794
Total Resources	528,410,711	566,500,849	595,658,822	610,712,223	602,054,782	602,000,662
Requirements						
Personnel Services	316,667,460	336,142,951	362,658,176	375,759,500	372,250,743	372,946,493
External Materials and Services	66,930,398	76,774,258	93,411,648	102,891,954	99,118,702	98,129,136
Internal Materials and Services	51,882,239	54,545,439	56,801,713	60,533,882	60,404,929	60,724,145
Capital Outlay	684,239	789,455	2,935,033	2,821,709	2,821,709	2,821,709
Total Bureau Expenditures	436,164,336	468,252,103	515,806,570	542,007,045	534,596,083	534,621,483
Debt Service	6,961,081	8,775,797	8,555,736	9,188,082	9,188,082	9,188,082
Contingency	0	0	8,100,227	5,804,890	5,726,506	5,646,986
Fund Transfers - Expense	48,217,980	43,415,208	63,196,289	53,712,206	52,544,111	52,544,111
Total Fund Expenditures	55,179,061	52,191,005	79,852,252	68,705,178	67,458,699	67,379,179
Ending Fund Balance	37,067,314	46,057,741	0	0	0	0
Total Requirements	528,410,711	566,500,849	595,658,822	610,712,223	602,054,782	602,000,662

Fund Overview

The General Fund is the primary operating fund for the City of Portland. The core services of the City, such as police, fire, parks, and community development, are budgeted within this fund. The fund is mostly supported by property and transient lodging taxes, business and utility license fees, and state shared revenues.

Managing Agency City Budget Office

Significant Changes from Prior Year

The April 2016 forecast identified \$9.2 million in new ongoing General Fund discretionary resources and \$16.4 million in one-time discretionary resources.

The additional funds were allocated in large part to housing and homelessness, public safety, fair wages for Parks' employees, and major maintenance and replacement projects.

General Reserve Fund

Fund Summary

City Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	1,150,000	695,000	750,000	0	0	225,000
Miscellaneous	281,926	341,057	265,000	380,000	380,000	380,000
Total External Revenues	1,431,926	1,036,057	1,015,000	380,000	380,000	605,000
Fund Transfers - Revenue	9,998,236	1,948,343	300,000	3,000,000	3,000,000	3,000,000
Total Internal Revenues	9,998,236	1,948,343	300,000	3,000,000	3,000,000	3,000,000
Beginning Fund Balance	49,930,120	60,077,408	58,782,151	56,382,989	56,382,989	56,157,989
Total Resources	61,360,282	63,061,808	60,097,151	59,762,989	59,762,989	59,762,989
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	695,000	725,000	0	0	0	0
Contingency	0	0	56,636,701	58,582,589	58,582,589	58,582,589
Fund Transfers - Expense	587,874	3,451,600	3,460,450	1,180,400	1,180,400	1,180,400
Total Fund Expenditures	1,282,874	4,176,600	60,097,151	59,762,989	59,762,989	59,762,989
Ending Fund Balance	60,077,408	58,885,208	0	0	0	0
Total Requirements	61,360,282	63,061,808	60,097,151	59,762,989	59,762,989	59,762,989

Fund Overview

The General Reserve Fund was created in FY 1987-88 for the purpose of building a reserve for the General Fund. It is Council-adopted policy to maintain a reserve level equal to at least 10% of General Fund discretionary and overhead resources less beginning fund balance.

The policy defines the first 5% of reserves as an emergency reserve available to fund major one-time, unanticipated expenditures or to offset unanticipated revenue fluctuations that occur within a fiscal year. The second 5% of the reserve fund is defined as a countercyclical reserve and is available to transition expenditure growth to match slower revenue growth during an economic recession.

City Council's five-year financial forecast allows using reserves in excess of the required 10% level to fund one-time General Fund appropriations.

Fire Apparatus Reserve at \$7,673,792 for FY 2016-17

In FY 2010-11, the citizens of Portland approved a five-year Public Safety Levy which included funds for apparatus replacement in Portland Fire & Rescue. During the levy period, the existing ongoing funds dedicated to apparatus replacement in the General Fund were transferred to the General Reserve Fund. The replacement funds will be stored in the General Reserve Fund until Portland Fire & Rescue begins drawing on the reserve to supplement the annual ongoing apparatus replacement funds. The apparatus reserves total \$7,673,792 for FY 2016-17.

Managing Agency

City Budget Office

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	42	363	0	0	0	0
Intergovernmental	38,077,439	26,008,891	37,473,622	40,965,911	41,345,638	41,442,637
Bond & Note	2,695,000	4,600,000	0	0	0	0
Miscellaneous	23,195	54,225	37,500	0	0	0
Total External Revenues	40,795,676	30,663,479	37,511,122	40,965,911	41,345,638	41,442,637
Fund Transfers - Revenue	1,053,448	0	0	0	0	0
Total Internal Revenues	1,053,448	0	0	0	0	0
Beginning Fund Balance	561,087	1,219,897	4,835,035	0	8,000,000	9,500,000
Total Resources	42,410,211	31,883,376	42,346,157	40,965,911	49,345,638	50,942,637
Requirements						
Personnel Services	7,469,646	8,250,299	10,638,963	8,587,114	8,274,913	8,274,913
External Materials and Services	12,186,936	8,188,529	15,085,725	7,196,991	7,888,919	7,985,918
Internal Materials and Services	3,470,372	3,297,776	4,653,136	5,184,522	5,184,522	5,184,522
Capital Outlay	9,118,360	8,968,499	7,218,333	19,997,284	19,997,284	19,997,284
Total Bureau Expenditures	32,245,314	28,705,103	37,596,157	40,965,911	41,345,638	41,442,637
Debt Service	8,945,000	2,695,000	4,750,000	0	8,000,000	9,500,000
Total Fund Expenditures	8,945,000	2,695,000	4,750,000	0	8,000,000	9,500,000
Ending Fund Balance	1,219,897	483,273	0	0	0	0
Total Requirements	42,410,211	31,883,376	42,346,157	40,965,911	49,345,638	50,942,637

Fund Overview

The Grants Fund serves as the central fund for all federal, state, and private financial assistance received by the City, including grants, contracts, and cooperative agreements. The City also receives funds from two federal entitlement programs, HOME and the Community Development Block Grant, which are budgeted in separate funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

The Grants Fund is typically smaller in the current budget year compared to previous years because the City does not budget grant funding until the grant has been awarded. In addition, the debt service line item is budgeted to reflect the repayment of internal loans that prevent a negative balance in the fund at year-end. Other significant adjustments in the fund include:

- ◆ The Portland Bureau of Emergency Management's grant budget decreased from \$5.8 million in FY 2015-16 to \$2.0 million in FY 2016-17, primarily due to a reduction in federal Urban Areas Security Initiative (UASI) funds.
- ◆ The Portland Fire & Rescue's grant budget was reduced from \$1.7 million in FY 2015-16 to \$0 in FY 2016-17, primarily due to the sunset of the Staffing for Adequate Fire & Emergency Response (SAFER) grant.
- ◆ The Portland Police Bureau's grant budget was reduced from \$2.9 million in FY 2015-16 to \$1.1 million in FY 2016-17, primarily due to the timing of grant awards.

- ◆ The Bureau of Transportation's grant budget was increased from \$19.3 million in FY 2015-16 to \$29.9 million in FY 2016-17 due to projected federal and private grant awards.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	0	47,280	0	0	0	0
Miscellaneous	712,781	9,187	0	2,475	2,475	2,475
Total External Revenues	712,781	56,467	0	2,475	2,475	2,475
Fund Transfers - Revenue	4,270	245	38,172	0	0	0
Total Internal Revenues	4,270	245	38,172	0	0	0
Beginning Fund Balance	1,679,094	2,321,155	918,000	707,404	707,404	707,404
Total Resources	2,396,145	2,377,867	956,172	709,879	709,879	709,879
Requirements						
External Materials and Services	7,550	2,369	0	0	0	0
Internal Materials and Services	23,120	57,630	2,938	1,953	1,953	1,953
Capital Outlay	0	1,336,548	250,000	698,597	698,597	698,597
Total Bureau Expenditures	30,670	1,396,547	252,938	700,550	700,550	700,550
Contingency	0	0	703,234	239	221	198
Fund Transfers - Expense	44,320	68,146	0	9,090	9,108	9,131
Total Fund Expenditures	44,320	68,146	703,234	9,329	9,329	9,329
Ending Fund Balance	2,321,155	913,174	0	0	0	0
Total Requirements	2,396,145	2,377,867	956,172	709,879	709,879	709,879

Fund Overview

On November 7, 1998, the citizens of Portland authorized the sale of \$53.8 million in general obligation bonds to support a \$66.2 million program to improve the City's emergency facilities, including:

- ◆ Seismic upgrades to allow firefighters to effectively respond to an earthquake in the metropolitan area.
- ◆ Relocation and construction of new facilities to meet the goal of a four-minute response time to emergency calls.
- ◆ Renovation of facilities to be consistent with the evolving mission of Portland Fire & Rescue.
- ◆ Response to Americans with Disabilities Act accessibility requirements.
- ◆ Changes to fire stations for female firefighter accommodations.
- ◆ Response to some emergency facilities approaching the end of their useful lives.

The program is complete. The remaining funds will be used by Fire & Rescue to make roof repairs to fire stations and for planning a possible relocation of their Logistics Center.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Significant Changes from Prior Year

In FY 2016-17, the balance of the fund will be used along with other City resources for a possible relocation of Fire & Rescue's Logistics Center.

Emergency Communication Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	327,690	357,937	350,000	349,000	349,000	349,000
Intergovernmental	6,779,731	6,836,238	7,531,416	7,784,545	7,784,545	7,784,545
Miscellaneous	11,105	32,198	10,000	10,000	10,000	10,000
Total External Revenues	7,118,526	7,226,373	7,891,416	8,143,545	8,143,545	8,143,545
Fund Transfers - Revenue	13,744,216	15,805,043	16,017,266	15,681,759	15,681,759	15,681,759
Total Internal Revenues	13,744,216	15,805,043	16,017,266	15,681,759	15,681,759	15,681,759
Beginning Fund Balance	2,542,676	2,617,343	1,528,081	1,085,886	1,085,886	1,085,886
Total Resources	23,405,418	25,648,759	25,436,763	24,911,190	24,911,190	24,911,190
Requirements						
Personnel Services	13,668,849	14,349,345	15,314,982	16,240,899	16,240,899	16,222,467
External Materials and Services	784,439	927,300	1,170,805	819,511	819,511	819,511
Internal Materials and Services	3,473,628	3,864,713	4,584,009	4,481,904	4,481,904	4,498,227
Capital Outlay	0	0	900,000	0	0	0
Total Bureau Expenditures	17,926,916	19,141,358	21,969,796	21,542,314	21,542,314	21,540,205
Debt Service	1,348,675	1,364,098	1,395,141	1,412,541	1,412,541	1,412,541
Contingency	0	0	987,923	1,077,289	1,075,736	1,075,736
Fund Transfers - Expense	1,512,484	3,615,305	1,083,903	879,046	880,599	882,708
Total Fund Expenditures	2,861,159	4,979,403	3,466,967	3,368,876	3,368,876	3,370,985
Ending Fund Balance	2,617,343	1,527,998	0	0	0	0
Total Requirements	23,405,418	25,648,759	25,436,763	24,911,190	24,911,190	24,911,190

Fund Overview

The Emergency Communication Fund is the operating fund for the Bureau of Emergency Communications. Expenditures are related to emergency 9-1-1 call-taking and dispatch as well as to administrative support for these activities. Fund revenues include an annual transfer from the General Fund, state 9-1-1 tax funds, and payments from other regional jurisdictions served by Emergency Communications. In addition to Portland, user jurisdictions include: Multnomah County and the Cities of Gresham, Troutdale, Fairview, Maywood Park, and Wood Village. Fund expenses include all Emergency Communications operating expenses.

Managing Agency Bureau of Emergency Communications

Significant Changes from Prior Year

The FY 2016-17 Adopted Budget includes ongoing General Fund and partner jurisdictional resources totaling \$1,091,376. The additional resources will allow the bureau to continue twice per year recruitments for dispatch trainee candidates. These trainees are important to assure that BOEC receives an adequate ongoing supply of certified operators for its operations.

Debt Summary**Emergency Communication Fund**

Public Safety Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2009 Series B (CAD portion only)						
12/17/2009 - Due 6/1	8,210,000					
		2016/17	1,135,000	4.00%	45,400	1,180,400
TOTAL FUND DEBT SERVICE			1,135,000		45,400	1,180,400

Fire & Police Disability & Retirement Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	119,378,897	122,814,273	122,058,820	128,071,818	128,071,818	128,071,818
Charges for Services	34	26	0	0	0	0
Bond & Note	26,930,235	25,815,144	31,885,000	34,476,000	34,476,000	34,476,000
Miscellaneous	579,603	348,880	296,200	443,200	443,200	443,200
Total External Revenues	146,888,769	148,978,323	154,240,020	162,991,018	162,991,018	162,991,018
Fund Transfers - Revenue	9,046	254	750,000	750,000	750,000	750,000
Interagency Revenue	542,200	796,492	1,037,200	905,200	905,200	905,200
Total Internal Revenues	551,246	796,746	1,787,200	1,655,200	1,655,200	1,655,200
Beginning Fund Balance	14,199,476	13,761,433	18,465,039	12,588,094	12,588,094	12,588,094
Total Resources	161,639,491	163,536,502	174,492,259	177,234,312	177,234,312	177,234,312
Requirements						
Personnel Services	1,757,833	1,849,884	2,003,000	2,086,912	2,086,912	2,086,912
External Materials and Services	112,035,728	109,869,239	118,750,333	120,468,600	120,468,600	120,468,600
Internal Materials and Services	6,873,482	7,967,855	10,444,909	11,161,988	11,161,988	11,161,988
Capital Outlay	69,040	77,253	72,400	46,000	46,000	46,000
Total Bureau Expenditures	120,736,083	119,764,231	131,270,642	133,763,500	133,763,500	133,763,500
Debt Service	27,032,276	25,908,928	32,277,309	34,899,037	34,899,037	34,899,037
Contingency	0	0	10,081,882	7,668,741	7,668,473	7,668,111
Fund Transfers - Expense	109,699	145,911	862,426	903,034	903,302	903,664
Total Fund Expenditures	27,141,975	26,054,839	43,221,617	43,470,812	43,470,812	43,470,812
Ending Fund Balance	13,761,433	17,717,432	0	0	0	0
Total Requirements	161,639,491	163,536,502	174,492,259	177,234,312	177,234,312	177,234,312

Fund Overview

Chapter 5 of the Portland City Charter establishes the Fire & Police Disability & Retirement (FPDR) Fund for the sworn employees of Portland Fire & Rescue and the Portland Police Bureau, their surviving spouses, and their dependent minor children. The fund is supported primarily through a separate property tax levy originally authorized by the voters in 1948. The levy is a rate-based levy, providing a maximum rate of \$2.80 per \$1,000 of real market value.

Managing Agency Bureau of Fire & Police Disability & Retirement

Significant Changes from Prior Year

Net of tax anticipation notes, requirements for FY 2016-17 are increasing by \$151,000 or 0.1% from the FY 2015-16 Revised Budget. Direct pension benefits to members hired before 2007, part of external materials and services, continue to increase as more members retire with higher final pay. Oregon Public Employees Retirement System contributions for members hired after 2006, part of internal materials and services, continue to grow as salaries increase and the proportion of the workforce hired after 2006 grows. Personnel services is increasing by \$83,912 or 4.2% from the FY 2015-16 Revised Budget. This reflects the addition of 0.5 FTE to the Administration program as well as normal inflation in wages and medical

benefits. The capital budget, which is exclusively for upgrades to the FPDR database, will decline further in FY 2016-17 now that programming changes recommended by the disability program and disability payment process audits are complete. FPDR management has reduced fund contingency by \$2.4 million or 23.9%, as many of the legal risks facing the fund have now been resolved.

Budgeted property tax collections will increase by \$6.0 million or 4.9% for FY 2016-17. However, FPDR projects actual tax collections for FY 2015-16 will be about \$1.2 million over budget, meaning collections for FY 2016-17 are expected to increase by \$4.8 million or 3.9% over actual FY 2015-16 tax receipts. Despite higher requirements and the resulting need for more tax revenue, continued improvement in the local real estate market and economy will permit the FPDR property tax levy to remain at \$1.29 per \$1,000 of real market value. This follows decreases in the two previous fiscal years. Real market value continues to grow, which in turn reduces property tax compression. Miscellaneous revenue, now primarily interest income and subrogation revenue, is expected to grow as interest rates are predicted to increase after years of remaining at historic lows. Interagency revenue has increased substantially over the last several years, as the Police and Fire Bureaus began passing to FPDR pension and disability overhead rates charged to third parties who contract for fire fighting or police services (such as TriMet). However, this revenue is projected to drop by about 12.7% in FY 2016-17 as staffing shortages at the Police Bureau have reduced the number of transit police, and diminished the bureau's capacity to take on other third-party work.

Fire & Police Disability & Retirement Res Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Total External Revenues	0	0	0	0	0	0
Fund Transfers - Revenue	0	0	750,000	750,000	750,000	750,000
Total Internal Revenues	0	0	750,000	750,000	750,000	750,000
Beginning Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
Total Resources	750,000	750,000	1,500,000	1,500,000	1,500,000	1,500,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Fund Transfers - Expense	0	0	750,000	750,000	750,000	750,000
Total Fund Expenditures	0	0	750,000	750,000	750,000	750,000
Ending Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
Total Requirements	750,000	750,000	1,500,000	1,500,000	1,500,000	1,500,000

Fund Overview

The Fire & Police Disability & Retirement (FPDR) Reserve Fund was established by City Charter and is to be maintained in the amount of \$750,000. The fund is for use only in the event the FPDR Fund becomes depleted to the extent that current obligations cannot be met. Interest income on the \$750,000 is booked directly to the FPDR Fund.

Managing Agency Bureau of Fire & Police Disability & Retirement

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	121	113	50	0	0	0
Total External Revenues	121	113	50	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	28,173	20,025	10,800	0	0	0
Total Resources	28,294	20,138	10,850	0	0	0
Requirements						
External Materials and Services	8,269	8,521	9,000	0	0	0
Total Bureau Expenditures	8,269	8,521	9,000	0	0	0
Contingency	0	0	1,850	0	0	0
Total Fund Expenditures	0	0	1,850	0	0	0
Ending Fund Balance	20,025	11,617	0	0	0	0
Total Requirements	28,294	20,138	10,850	0	0	0

Fund Overview

The Fire & Police Supplemental Retirement Reserve Fund was established by City Ordinance #138016 for the purpose of providing certain disability, service retirement, and death benefits for Bruce Baker, a former Chief of Police for the City of Portland. This supplemental trust was established in accordance with ORS 237.620 because Mr. Baker was not eligible for membership in, or benefits from, either the Fire and Police Disability and Retirement System or the Public Employees Retirement System.

Managing Agency City Budget Office

Significant Changes from Prior Year

The FY 2016-17 Adopted Budget does not include expenses in this fund. There will be a request for a funds transfer to this fund in the Fall Supplemental Budget process to provide resources for the Fire & Police Supplemental Retirement Reserve Fund.

Police Special Revenue Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	519,116	1,695,500	1,040,294	1,799,737	1,799,737	1,799,737
Miscellaneous	249,634	120,231	29,850	30,400	30,400	30,400
Total External Revenues	768,750	1,815,731	1,070,144	1,830,137	1,830,137	1,830,137
Fund Transfers - Revenue	0	200,010	2,776	0	0	0
Total Internal Revenues	0	200,010	2,776	0	0	0
Beginning Fund Balance	1,487,310	1,770,198	2,296,606	3,196,694	3,196,694	3,196,694
Total Resources	2,256,060	3,785,939	3,369,526	5,026,831	5,026,831	5,026,831
Requirements						
Personnel Services	0	0	0	219,415	219,415	219,415
External Materials and Services	463,656	1,395,137	3,211,424	4,098,827	4,098,827	4,016,052
Internal Materials and Services	1,031	35,860	8,102	701,589	701,589	784,364
Capital Outlay	9,500	33,753	0	0	0	0
Total Bureau Expenditures	474,187	1,464,750	3,219,526	5,019,831	5,019,831	5,019,831
Contingency	0	0	150,000	7,000	7,000	7,000
Fund Transfers - Expense	11,675	25,211	0	0	0	0
Total Fund Expenditures	11,675	25,211	150,000	7,000	7,000	7,000
Ending Fund Balance	1,770,198	2,295,978	0	0	0	0
Total Requirements	2,256,060	3,785,939	3,369,526	5,026,831	5,026,831	5,026,831

Fund Overview

The Police Special Revenue Fund was established by City Council in May 2009. The purpose of the fund is to account for restricted or committed law enforcement revenues. Prior to implementation of the City's financial system in FY 2008-09, these revenues were held in treasury holding accounts outside of the City's budget. The City now includes these revenues and associated expenditures in the City's annual budget.

Revenues are received from other governments, donations, and interest on investments. Intergovernmental revenues are part of a local revenue sharing agreement between the City of Portland and the partnering agencies. Resources received from the Federal government are part of a cost-sharing formula governed by the US Department of Justice. These revenues have strict spending guidelines and will be subject to federal audit standards. State and local revenue cost sharing agreements have similar reporting and spending requirements.

Donations to the Portland Police Bureau are booked as revenue in the Police Special Revenue Fund. Funds go towards the donor's identified intended expense. These include donations to the Gang Resistance Education and Training program, the Employee Assistance Program, and the WomanStrength and GirlStrength programs. Donation revenue is also received for restricted spending on other programs from time-to-time. Each of these programs receives annual donations, and expenditures are restricted to the respective programs. If the donation does not have a specific program or project identified, then the donation is put to general law enforcement expenditures.

The Regional Justice Information Network (RegJIN) is a law enforcement records management system operated by the City for the use of roughly 40 participating agencies across the five-county Portland metro area. Participating partner agencies pay fees for proportionate shares of RegJIN system expense, and those revenues and expenditures are accounted for within the Police Special Revenue fund

Managing Agency Portland Police Bureau

Public Safety GO Bond Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	0	0	33,629	0	0	0
Bond & Note	24,941,394	18,976,921	0	0	0	0
Miscellaneous	124,785	101,950	85,079	45,500	45,500	45,500
Total External Revenues	25,066,179	19,078,871	118,708	45,500	45,500	45,500
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	21,742,328	23,699,145	29,817,025	9,585,190	9,585,190	9,585,190
Total Resources	46,808,507	42,778,016	29,935,733	9,630,690	9,630,690	9,630,690
Requirements						
Personnel Services	279,130	265,820	300,000	349,059	349,059	349,059
External Materials and Services	16,964,400	8,466,960	7,467,514	2,043,673	2,043,673	2,043,673
Internal Materials and Services	334,385	1,039,664	1,273,925	313,375	313,375	313,375
Capital Outlay	5,275,783	2,977,037	13,666,392	1,698,249	1,698,249	1,698,249
Total Bureau Expenditures	22,853,698	12,749,481	22,707,831	4,404,356	4,404,356	4,404,356
Debt Service	208,699	85,113	20,000	0	0	0
Contingency	0	0	7,005,802	4,924,595	4,924,039	4,923,285
Fund Transfers - Expense	46,965	126,396	202,100	301,739	302,295	303,049
Total Fund Expenditures	255,664	211,509	7,227,902	5,226,334	5,226,334	5,226,334
Ending Fund Balance	23,699,145	29,817,026	0	0	0	0
Total Requirements	46,808,507	42,778,016	29,935,733	9,630,690	9,630,690	9,630,690

Fund Overview

On November 2, 2010, the citizens of Portland authorized the sale of \$72.4 million in general obligation bonds to support a \$106 million program to improve the City's public safety infrastructure, including:

- ◆ Replacement of fire apparatus
- ◆ Construction of a fire station
- ◆ Construction of an Emergency Coordination Center
- ◆ Replacement of the City's 800 MHz radio system

The Public Safety GO Bond Fund was approved by Council in December 2010 to account for these projects.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Significant Changes from Prior Year

The replacement of fire apparatus and the City's 800 MHz radio system are the program's two remaining projects and will be completed by the end of FY 2017-18.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	7,967,284	8,680,155	9,302,522	9,743,266	9,743,266	9,743,266
Bond & Note	0	800,000	0	0	0	0
Miscellaneous	15,044	29,465	8,960	30,753	30,753	30,753
Total External Revenues	7,982,328	9,509,620	9,311,482	9,774,019	9,774,019	9,774,019
Fund Transfers - Revenue	20,118	458	0	0	0	0
Total Internal Revenues	20,118	458	0	0	0	0
Beginning Fund Balance	1,493,049	1,236,715	780,726	412,562	412,562	412,562
Total Resources	9,495,495	10,746,793	10,092,208	10,186,581	10,186,581	10,186,581
Requirements						
Personnel Services	3,454,687	3,705,000	3,888,276	3,840,150	3,840,150	3,840,150
External Materials and Services	3,637,922	4,469,455	4,145,961	4,332,236	4,332,236	4,332,236
Internal Materials and Services	686,125	804,726	717,435	754,125	754,125	754,125
Capital Outlay	0	452,925	20,000	15,000	15,000	15,000
Total Bureau Expenditures	7,778,734	9,432,106	8,771,672	8,941,511	8,941,511	8,941,511
Debt Service	148,337	161,993	350,778	433,565	433,565	433,565
Contingency	0	0	674,588	397,021	396,318	395,365
Fund Transfers - Expense	331,709	371,967	295,170	414,484	415,187	416,140
Total Fund Expenditures	480,046	533,960	1,320,536	1,245,070	1,245,070	1,245,070
Ending Fund Balance	1,236,715	780,727	0	0	0	0
Total Requirements	9,495,495	10,746,793	10,092,208	10,186,581	10,186,581	10,186,581

Fund Overview

The Golf Fund is an enterprise fund that accounts for all resources and requirements of the Portland Parks & Recreation Golf program.

The primary sources of revenue to the Golf Fund are the following:

- ◆ Revenues from contracts with concessionaires located at each of the City's golf courses. This includes revenues derived from food and beverage services, clothing and equipment sales, golf lessons, cart rental, and collection of greens fees.
- ◆ Greens fees are paid by golfers for each round of golf played.

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

Capital Improvement At the end of FY 2015-16, the Golf Fund began redesign and improvements of the parking lot at Colwood Golf Course, and made structural improvements to the driving range. The fund will begin repayment for this \$355,000 loan, and continue repayment to the Parks Capital Improvement Program Fund for the original \$800,000 loan in FY 2016-17.

The Golf Fund budgeted \$15,000 to invest in a capital improvement project that will redesign hole # 7 at RedTail Golf Course.

Operations The FY 2016-17 Adopted Budget includes a new assistant golf director position.

Golf Revenue Bond Redemption Fund

Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	13	0	0	0	0	0
Total External Revenues	13	0	0	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	3,057	0	0	0	0	0
Total Resources	3,070	0	0	0	0	0
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Fund Transfers - Expense	3,070	0	0	0	0	0
Total Fund Expenditures	3,070	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
Total Requirements	3,070	0	0	0	0	0

Fund Overview

The Golf Revenue Bond Redemption Fund receives cash transfers from the Golf Fund and pays principal and interest on all debt associated with the Golf program. Debt service is payable from and secured by net revenues from the Golf program. The fund holds debt service reserves as required by the covenants of individual debt issues. The Golf program's outstanding revenue bond debt was paid in FY 2011-12. However, the fund will remain open for the potential of future debt service.

Managing Agency Portland Parks & Recreation

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	75,000	0	0	0	0	0
Charges for Services	20,149,997	19,664,060	19,118,000	10,566,819	10,566,819	10,566,819
Intergovernmental	1,324,491	1,054,574	1,864,559	32,614	32,614	32,614
Bond & Note	1,054,667	0	16,721,810	12,916,768	12,916,768	12,916,768
Miscellaneous	2,544,701	4,102,481	1,287,512	717,368	717,368	717,368
Total External Revenues	25,148,856	24,821,115	38,991,881	24,233,569	24,233,569	24,233,569
Fund Transfers - Revenue	4,678,386	2,537,830	4,663,607	6,039,050	6,039,050	6,039,050
Interagency Revenue	49,227	49,777	60,000	42,579	42,579	42,579
Total Internal Revenues	4,727,613	2,587,607	4,723,607	6,081,629	6,081,629	6,081,629
Beginning Fund Balance	27,612,338	35,604,869	46,284,890	35,413,196	35,413,196	35,413,196
Total Resources	57,488,807	63,013,591	90,000,378	65,728,394	65,728,394	65,728,394
Requirements						
Personnel Services	1,263,105	1,792,524	3,485,845	3,074,253	3,074,253	3,027,711
External Materials and Services	3,401,047	2,296,519	10,832,225	4,483,675	4,483,675	4,483,675
Internal Materials and Services	510,942	1,055,215	625,171	1,686,719	1,686,719	1,833,719
Capital Outlay	12,206,839	11,083,736	29,137,730	35,960,678	35,960,678	35,960,678
Total Bureau Expenditures	17,381,933	16,227,994	44,080,971	45,205,325	45,205,325	45,305,783
Debt Service	4,340,388	891,243	590,463	104,736	104,736	104,736
Contingency	0	0	45,091,695	20,044,717	20,044,064	19,942,720
Fund Transfers - Expense	161,617	264,634	237,249	373,616	374,269	375,155
Total Fund Expenditures	4,502,005	1,155,877	45,919,407	20,523,069	20,523,069	20,422,611
Ending Fund Balance	35,604,869	45,629,720	0	0	0	0
Total Requirements	57,488,807	63,013,591	90,000,378	65,728,394	65,728,394	65,728,394

Fund Overview

The Parks Capital Improvement Program Fund accounts for all capital resources and requirements for Portland Parks & Recreation with the exception of capital activity relating to two enterprise funds: the Golf Fund and the Portland International Raceway Fund.

Revenue Sources

The primary sources of revenue to the Capital Construction Fund include service charges and fees from Parks' System Development Charges program; General Fund discretionary; local, state and federal grants; and the 2014 Parks Replacement Bond measure.

Project Selection and Prioritization

Capital projects are first prioritized within the bureau's twenty-year Capital Improvement Program (CIP). Highly prioritized projects are considered in the annual budget process for inclusion in the requested budget by Parks' CIP committee with regard to scope, priority, funding, safety, code compliance, and community importance.

Three primary objectives guide project selection and prioritization:

- ◆ Acquiring land, including natural areas, and constructing facilities in park-deficient areas
- ◆ Addressing capital repairs and replacement for preservation of existing infrastructure
- ◆ Addressing capital repairs and replacement to comply with safety, health, and code provisions

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

The 2014 passage of the \$68 million replacement bond measure continues to fund ongoing major maintenance requirements of where there is deferred backlog of deferred maintenance. System development charge (SDC) revenues continue to bring in revenue to help address system capacity needs through new acquisitions or development. FY 2015-16 SDC revenues are estimated to exceed \$20.0 million; FY 2016-17 SDC revenues are currently forecasted to be \$10.0 million.

The following major projects were completed during the past year:

- ◆ Clatsop Butte Park Trail Development
- ◆ Marshall Park Playground
- ◆ Pittock Mansion Terrace Project
- ◆ Trail projects at Columbia Slough, Swan Island Waud Bluff, and Pier Park
- ◆ Montavilla Soccer Field Conversion

Work continues on the following major projects:

- ◆ Thomas Cully Park Development
- ◆ Spring Garden Park Development
- ◆ Gateway Discover Park (formerly Gateway Park & Plaza)
- ◆ Loowit View Park (formerly Beech Park)

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	915	1,022	777	1,237	1,237	1,237
Total External Revenues	915	1,022	777	1,237	1,237	1,237
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	182,139	180,953	180,228	181,465	181,465	181,465
Total Resources	183,054	181,975	181,005	182,702	182,702	182,702
Requirements						
Personnel Services	750	0	750	750	750	750
External Materials and Services	601	443	16,690	17,877	17,877	17,877
Internal Materials and Services	750	0	775	775	775	775
Total Bureau Expenditures	2,101	443	18,215	19,402	19,402	19,402
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	180,953	181,532	162,790	163,300	163,300	163,300
Total Requirements	183,054	181,975	181,005	182,702	182,702	182,702

Fund Overview

The Parks Endowment Fund accounts for gifts, donations, and endowments of a permanent nature, whereby the donation principal is invested and interest earnings are available to support programs and services as directed by the funding donor. There are currently four endowments within the fund.

F.L. Beach Curbside Rose Award Trust

This endowment was established in 1975. Its purpose is to encourage planting and maintaining roses that will be visible to the public. An incentive system was established through awards and annual competitions, which are funded from the trust. Funds unspent in a given year are reinvested to increase fund balances.

Parks Maintenance Endowment

This endowment was established in FY 2002-03. Earnings are reinvested to increase the size of the endowment with the intent of eventually generating sufficient interest income to help maintain the parks system.

Washington Park Children's Playground Endowment

This endowment was established by a \$75,000 donation from the Portland Rotary Club with the goal of maintaining the playground in Washington Park.

The Dietz Fountain at Wallace Park Endowment

This endowment was established in FY 2003-04 with an original gift of \$4,500. Income from this endowment contributes toward maintenance of the Dietz Fountain.

Managing Agency

Portland Parks & Recreation

Parks Local Option Levy Fund

Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	1,758	1,051	0	500	500	500
Miscellaneous	10,317	5,733	4,000	2,000	2,000	2,000
Total External Revenues	12,075	6,784	4,000	2,500	2,500	2,500
Fund Transfers - Revenue	4	0	0	0	0	0
Total Internal Revenues	4	0	0	0	0	0
Beginning Fund Balance	2,243,685	1,181,110	643,210	672,516	672,516	672,516
Total Resources	2,255,764	1,187,894	647,210	675,016	675,016	675,016
Requirements						
Personnel Services	835,807	463,343	0	0	0	0
External Materials and Services	0	0	0	652,578	652,536	652,480
Internal Materials and Services	169,956	7,821	0	0	0	0
Total Bureau Expenditures	1,005,763	471,164	0	652,578	652,536	652,480
Contingency	0	0	647,210	0	0	0
Fund Transfers - Expense	68,891	48,865	0	22,438	22,480	22,536
Total Fund Expenditures	68,891	48,865	647,210	22,438	22,480	22,536
Ending Fund Balance	1,181,110	667,865	0	0	0	0
Total Requirements	2,255,764	1,187,894	647,210	675,016	675,016	675,016

Fund Overview

The Parks Local Option Levy Fund was established following voter approval of the Parks Local Option Levy in November 2002. The purpose of the levy was to restore \$2.2 million in funding reductions made in FY 2002-03; provide access to recreational programs for children, families, and seniors; provide safe places to play; and restore, renovate, and continue to maintain the park system.

Resources in this fund are derived from property tax revenues and interest earnings. Fund requirements include costs associated with Portland Parks & Recreation programs and services.

The levy expired June 30, 2008; due to favorable interest rates, tax collections and delays in capital improvements, the ending fund balance allowed for an additional year of program funding. Since FY 2008-09, Council has allocated \$5.4 million of ongoing General Fund resources to backfill the funding that had been provided by the levy. Levy funds can be used to support the operations and maintenance of levy-funded capital improvements for five years from the date the assets are placed into service.

Managing Agency Portland Parks & Recreation

Significant Changes from Previous Year

Remaining fund balance is budgeted and expected to be fully expended in FY 2016-17 with the intent to close this fund.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	1,408,216	1,706,690	1,788,877	1,922,562	1,922,562	1,922,562
Miscellaneous	5,391	7,699	6,383	8,656	8,656	8,656
Total External Revenues	1,413,607	1,714,389	1,795,260	1,931,218	1,931,218	1,931,218
Fund Transfers - Revenue	13,011	12,758	0	0	0	0
Total Internal Revenues	13,011	12,758	0	0	0	0
Beginning Fund Balance	597,851	285,468	145,479	262,206	262,206	262,206
Total Resources	2,024,469	2,012,615	1,940,739	2,193,424	2,193,424	2,193,424
Requirements						
Personnel Services	786,541	769,041	798,775	819,413	819,413	819,413
External Materials and Services	464,632	487,417	522,446	525,753	525,753	525,753
Internal Materials and Services	122,436	110,957	126,348	132,374	132,374	132,374
Total Bureau Expenditures	1,373,609	1,367,415	1,447,569	1,477,540	1,477,540	1,477,540
Debt Service	302,193	306,620	312,109	319,716	319,716	319,716
Contingency	0	0	113,279	293,130	292,951	292,707
Fund Transfers - Expense	63,199	193,091	67,782	103,038	103,217	103,461
Total Fund Expenditures	365,392	499,711	493,170	715,884	715,884	715,884
Ending Fund Balance	285,468	145,489	0	0	0	0
Total Requirements	2,024,469	2,012,615	1,940,739	2,193,424	2,193,424	2,193,424

Fund Overview

The Portland International Raceway (PIR) Fund is the enterprise fund that accounts for all resources and requirements associated with management and operation of the PIR.

The primary sources of ongoing revenues to the PIR Fund are sales from food and beverage services, and products and souvenirs during various events, in addition to PIR facilities rental revenues.

Managing Agency Portland Parks & Recreation

Portland International Raceway Fund

Debt Summary

Parks, Recreation, & Culture Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Portland International Raceway, Series 2007						
10/25/2007 - Due 6/1	2,010,000					
		2016/17	265,000	6.14%	16,271	281,271
TOTAL FUND DEBT SERVICE			265,000		16,271	281,271

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	197,750	320,705	500,000	0	0	0
Charges for Services	1,052,042	2,657,228	2,529,238	2,901,112	2,901,112	2,901,112
Miscellaneous	872,232	656,849	785,858	581,959	581,959	581,959
Total External Revenues	2,122,024	3,634,782	3,815,096	3,483,071	3,483,071	3,483,071
Fund Transfers - Revenue	67,200	484,800	354,180	64,318	64,318	64,318
Total Internal Revenues	67,200	484,800	354,180	64,318	64,318	64,318
Beginning Fund Balance	2,934,503	3,513,582	5,058,302	7,514,370	7,514,370	7,514,370
Total Resources	5,123,727	7,633,164	9,227,578	11,061,759	11,061,759	11,061,759
Requirements						
Personnel Services	806,641	930,382	1,408,742	1,603,625	1,603,625	1,703,625
External Materials and Services	103,155	91,693	2,674,023	5,441,417	5,441,417	5,341,417
Internal Materials and Services	650,349	1,298,426	1,360,780	1,595,822	1,595,822	1,595,822
Capital Outlay	0	52,000	0	0	0	0
Total Bureau Expenditures	1,560,145	2,372,501	5,443,545	8,640,864	8,640,864	8,640,864
Contingency	0	0	3,029,433	2,089,295	2,089,295	2,089,295
Fund Transfers - Expense	50,000	202,362	754,600	331,600	331,600	331,600
Total Fund Expenditures	50,000	202,362	3,784,033	2,420,895	2,420,895	2,420,895
Ending Fund Balance	3,513,582	5,058,301	0	0	0	0
Total Requirements	5,123,727	7,633,164	9,227,578	11,061,759	11,061,759	11,061,759

Fund Overview

The Portland Parks Memorial Fund was established to receive grant revenue as well as donations from foundations, friends' organizations, neighborhood associations, and other entities. These funds often have restrictions related to purpose and the period by which to use such funds.

Fund Requirements Resources within this fund are typically used for one-time expenditures for specific improvements or services, or ongoing programs with resources coming from a specific revenue source. Individual grants or donations are managed in separate accounts within the fund, according to the provisions of the contract, grant, or donor agreement.

Managing Agency Portland Parks & Recreation

Spectator Venues & Visitor Activities Fund

Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	7,955,021	8,651,919	8,532,215	8,332,128	8,332,128	8,332,128
Intergovernmental	1,832,437	2,037,121	2,095,922	2,044,994	2,044,994	2,044,994
Bond & Note	21,915,000	5,469,700	0	0	0	0
Miscellaneous	40,291	47,686	35,000	35,000	35,000	35,000
Total External Revenues	31,742,749	16,206,426	10,663,137	10,412,122	10,412,122	10,412,122
Fund Transfers - Revenue	19,657	7,670	0	0	0	0
Interagency Revenue	7,000	0	0	0	0	0
Total Internal Revenues	26,657	7,670	0	0	0	0
Beginning Fund Balance	6,077,077	6,399,542	7,668,593	6,100,000	6,100,000	6,100,000
Total Resources	37,846,483	22,613,638	18,331,730	16,512,122	16,512,122	16,512,122
Requirements						
Personnel Services	168,816	229,839	387,856	370,763	370,763	370,763
External Materials and Services	1,771,794	2,091,777	3,975,769	4,176,465	4,176,465	4,176,385
Internal Materials and Services	159,261	237,997	571,714	282,155	282,155	282,313
Capital Outlay	670,737	134,334	1,000,000	3,500,000	3,500,000	3,500,000
Total Bureau Expenditures	2,770,608	2,693,947	5,935,339	8,329,383	8,329,383	8,329,461
Debt Service	28,359,103	12,031,173	6,690,814	4,524,078	4,524,078	4,524,078
Contingency	0	0	5,501,109	3,525,744	3,525,536	3,525,177
Fund Transfers - Expense	317,230	219,924	204,468	132,917	133,125	133,406
Total Fund Expenditures	28,676,333	12,251,097	12,396,391	8,182,739	8,182,739	8,182,661
Ending Fund Balance	6,399,542	7,668,594	0	0	0	0
Total Requirements	37,846,483	22,613,638	18,331,730	16,512,122	16,512,122	16,512,122

Fund Overview

The Spectator Venues & Visitor Activities Fund (SVVAF) is a self-sustaining enterprise fund established to provide oversight of City-owned spectator and performing arts facilities and to support City travel, tourism, and visitor development efforts. The fund accounts for resources and requirements for program activities and administration. In addition, the fund is responsible for City-obligated direct expenses at the City-owned Rose Quarter facilities, including but not limited to Veterans Memorial Coliseum, Plaza and Public Parking Facilities, and the Stadium (known as Providence Park), as well as debt service payments on certain obligations.

Major program activities include: facility operations, maintenance, repair and capital improvements; financial planning and contract administration; special projects; and liaison activities among City bureaus, other governmental agencies, and private parties, including a broad range of organizations engaged in travel, tourism, and visitor development activities. Revenues are assigned to:

1. Make debt service payments;
2. Pay City obligated expenses for operations, maintenance, repair, and capital improvements at specified facilities;

3. The cost of program activities and administration including:
 - a. Financial planning, contract administration, and oversight at City-owned spectator and performing arts facilities;
 - b. Liaison activities with a broad range of organizations engaged in spectator venue operations and travel, tourism, and visitor development activities;
 - a. Special projects related to City-owned spectator and performing arts venues and travel, tourism, and visitor development activities.

Rose Quarter

Rose Quarter facilities include: the Moda Center (formerly Rose Garden Arena), Veterans Memorial Coliseum, East/West Parking Garages, Plaza, Benton Lot, and Phase II Lot. The Moda Center is the home venue for the Portland Trail Blazers, a National Basketball Association franchise team, and the Portland Thunder, an Arena Football League franchise team that began play in 2014. The Veterans Memorial Coliseum is the home venue for the Portland Winterhawks, a Western Hockey League franchise team. The Rose Quarter venues host a variety of other sports, entertainment, community, and arts/cultural events as well as a variety of expositions, conferences, and trade shows. User fees and parking receipts from the Rose Quarter's venues account for over 50% of the annual projected revenue for the fund. Through FY 2016-17, the fund makes bond payments on debt issued for Rose Quarter public improvements and the East/West Parking Garages.

Providence Park

The renovation of the City's stadium, since renamed Providence Park, as a major league soccer facility was completed in April 2011. Providence Park serves as the home venue for the Portland Timbers, a Major League Soccer franchise team; the Portland State Vikings, a National Collegiate Athletic Association affiliated football team; and the Portland Thorns, a National Women's Soccer League franchise team. The City's share of the renovation cost, about \$12 million, will be paid through 20-year bonds that were issued in 2012. The bond payments are paid from the fund and are expected to be retired in FY 2026-27.

A 25-year operating agreement with Peregrine Sports, LLC took effect on January 1, 2011, and provides the fund with a gradually increasing flow of revenue from user fees for the first seven-years of the agreement. The fund also continues to make bond payments for debt issued during a prior (FY 2000-01) renovation of this facility (then named PGE Park). These bonds were refunded in 2014 and net savings of approximately \$3 million will be realized by the fund before being paid off in FY 2022-23. The City's net expenses needed to operate and maintain Providence Park and to cover the associated debt service is expected to continue to rely on net income from Rose Quarter operations to fully meet these obligations.

Portland's Centers for the Arts

In FY 2015-16, the Portland's Centers for the Arts venues were added to the SVVAF program portfolio. The Portland's venues consist of three buildings - the Keller Auditorium; which was built in 1917 and renovated in 1965, the Schnitzer Concert Hall; which was built in 1927 and renovated in 1985, and the Antoinette Hatfield Hall; which was built in 1987. Working with the venue operator, the SVVAF staff has undertaken a facility condition assessment for each building and plans to develop a detailed major maintenance and capital replacement plan for these facilities. At this time no specific commitment to participate in funding of capital needs at these facilities has been made by the City.

Veterans Memorial Coliseum

The most recent phase of ongoing efforts to investigate and identify options for renovation or other alternatives for the future of the Veterans Memorial Coliseum (VMC) was completed in 2015. One result of those efforts, which began in 2009, was a City Council decision in 2010 to continue to operate the VMC as a spectator facility for the foreseeable future. After a two-year effort by the Office of Management & Finance, Portland Development Commission, Portland Arena Management (a subsidiary of the Trail Blazers responsible for operating the VMC), and the Portland Winterhawks failed to produce a renovation plan, additional discussions about a broader range of options began in 2014. The VMC Options Study, which was completed in August 2015, provided City Council with detailed cost estimates and business case analyses of five potential options for renovation of the VMC, as well as exploration of options to continue operating the facility in its current condition, close the facility, or deconstruct the building to create a redevelopment site. Public comment on the study is still being received and no specific next steps have been identified.

Managing Agency

Office of Management & Finance, Office of the Chief Administrative Officer

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2012 Series A JELD-WEN Field Project (Federally Taxable)						
04/24/2012 - Due 6/1	12,000,000					
		2016/17	0		405,488	405,488
		2017/18	0		405,488	405,488
		2018/19	0		405,488	405,488
		2019/20	0		405,488	405,488
		2020/21	0		405,488	405,488
		2021/22	0		405,488	405,488
		2022/23	0		405,488	405,488
		2023/24	2,855,000	3.25%	405,488	3,260,488
		2024/25	2,950,000	3.25%	312,700	3,262,700
		2025/26	3,045,000	3.50%	216,825	3,261,825
		2026/27	3,150,000	3.50%	110,250	3,260,250
		TOTAL	12,000,000		3,883,679	15,883,679
Limited Tax Revenue Refunding Bonds, Series 2013 (Stadium Project)						
12/11/2013 - Due 6/1	21,915,000					
		2016/17	1,882,000	3.27%	555,181	2,437,181
		2017/18	1,943,000	3.27%	493,640	2,436,640
		2018/19	2,606,000	3.27%	430,104	3,036,104
		2019/20	2,692,000	3.27%	344,887	3,036,887
		2020/21	2,780,000	3.27%	256,859	3,036,859
		2021/22	2,873,000	3.27%	165,953	3,038,953
		2022/23	2,202,000	3.27%	72,006	2,274,006
		TOTAL	16,978,000		2,318,630	19,296,630
Arena Limited Tax Revenue Refunding Bonds, 2015 Series A						
5/28/2015 - Due 6/1	5,469,700					
		2016/17	1,667,900	0.81%	13,510	1,681,410
		TOTAL	1,667,900		13,510	1,681,410
COMBINED DEBT SERVICE						
	39,384,700					
		2016/17	3,549,900		974,179	4,524,079
		2017/18	1,943,000		899,128	2,842,128
		2018/19	2,606,000		835,592	3,441,592
		2019/20	2,692,000		750,375	3,442,375
		2020/21	2,780,000		662,347	3,442,347
		2021/22	2,873,000		571,441	3,444,441
		2022/23	2,202,000		477,494	2,679,494
		2023/24	2,855,000		405,488	3,260,488
		2024/25	2,950,000		312,700	3,262,700
		2025/26	3,045,000		216,825	3,261,825
		2026/27	3,150,000		110,250	3,260,250

Spectator Venues & Visitor Activities Fund

Debt Summary

Parks, Recreation, & Culture Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
TOTAL FUND DEBT SERVICE			30,645,900		6,215,819	36,861,719

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	3,265,919	2,557,588	3,365,000	3,260,000	3,860,000	3,860,000
Intergovernmental	0	0	100,000	0	0	0
Miscellaneous	24,887	29,565	15,000	30,000	30,000	30,000
Total External Revenues	3,290,806	2,587,153	3,480,000	3,290,000	3,890,000	3,890,000
Fund Transfers - Revenue	323,823	400,385	400,000	160,000	160,000	0
Interagency Revenue	418,313	441,971	423,000	412,500	412,500	572,500
Total Internal Revenues	742,136	842,356	823,000	572,500	572,500	572,500
Beginning Fund Balance	3,518,356	3,250,853	2,020,000	1,800,000	1,800,000	1,800,000
Total Resources	7,551,298	6,680,362	6,323,000	5,662,500	6,262,500	6,262,500
Requirements						
Personnel Services	376,932	434,650	570,275	609,898	609,898	609,898
External Materials and Services	2,912,380	2,145,352	4,116,791	2,639,346	2,639,346	2,639,346
Internal Materials and Services	842,957	849,902	1,035,355	907,325	907,325	907,325
Total Bureau Expenditures	4,132,269	3,429,904	5,722,421	4,156,569	4,156,569	4,156,569
Debt Service	1,064	1,162	1,333	1,432	1,432	1,432
Contingency	0	0	513,964	1,387,326	1,987,108	1,986,813
Fund Transfers - Expense	167,112	151,746	85,282	117,173	117,391	117,686
Total Fund Expenditures	168,176	152,908	600,579	1,505,931	2,105,931	2,105,931
Ending Fund Balance	3,250,853	3,097,550	0	0	0	0
Total Requirements	7,551,298	6,680,362	6,323,000	5,662,500	6,262,500	6,262,500

Fund Overview

The Environmental Remediation Fund was established by City Council in FY 1993-94 to provide funding to remediate former solid waste disposal sites for which the City is liable.

Portland Harbor Superfund

Beginning in FY 2005-06, funding for the Portland Harbor Superfund program moved to the Environmental Remediation Fund with resources provided by a dedicated Portland Harbor charge on utility bills and supplemented by interest earnings from the fund. Including the Portland Harbor Superfund program within the fund is consistent with the purposes of the fund and distinguishes the program from the routine sewer system operations that are budgeted for, and funded within, the Sewer System Operating Fund.

Land Acquisition and Remediation of the Guilds Lake Property

The Guilds Lake property is a former landfill operated by the City from 1910 through the late 1940s. The acquisition and remediation of this site was financed by the Environmental Remediation 1993 Series A Revenue Bonds issued in November 1993. The Guilds Lake remediation was completed in FY 1994-95. Property management, maintenance, and environmental monitoring of the site are funded as required by the Department of Environmental Quality.

Lease income from current tenants on the City-owned Guilds Lake site supports the fund's operating and capital expenditures. This revenue source, along with the fund's interest earnings and cash transfers, are used for remediation projects and the Portland Harbor Superfund program.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Rate revenues of \$3.3 million in charges for services will fund the majority of the Portland Harbor Superfund program. This represents a \$0.5 million decrease from the FY 2015-16 Revised Budget of \$2.8 million. The fund also receives rental income of \$972,000 from leases at the Guilds Lake facility, of which \$413,000 comes from the Portland Police Bureau. Police Bureau rent revenue appears in the interagency revenue line. FY 2016-17 beginning fund balance is projected to be \$0.2 million less when compared to the FY 2015-16 Revised Budget.

Personnel services expenditures are budgeted 6.9% higher than the FY 2015-16 Revised Budget, due to full benefits of new employees.

External materials and services for Portland Harbor Superfund work are budgeted at \$2.6 million, which is \$1.5 million, or 35.9%, lower than the FY 2015-16 Revised Budget. Decreases include eliminating the FY 2015-16 appropriation of \$1.0 million to refund ODOT for jointly-funded restoration projects, and a reduction of resources required for River Mile 11E restoration work within the Portland Harbor Program. Internal materials and services expenditures, when compared with the FY 2015-16 Revised Budget, are 12.4% lower due to \$155,000 million of facility-related costs that shifted to the Sewer System Operating Fund.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	2,735,901	2,494,261	12,000	1,500	1,500	1,500
Total External Revenues	2,735,901	2,494,261	12,000	1,500	1,500	1,500
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	4,492,001	4,528,764	4,494,500	1,799,100	1,799,100	1,799,100
Total Resources	7,227,902	7,023,025	4,506,500	1,800,600	1,800,600	1,800,600
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	2,699,138	2,690,451	2,670,276	1,788,051	1,788,051	1,788,051
Debt Service Reserves	0	0	1,836,224	12,549	12,549	12,549
Total Fund Expenditures	2,699,138	2,690,451	4,506,500	1,800,600	1,800,600	1,800,600
Ending Fund Balance	4,528,764	4,332,574	0	0	0	0
Total Requirements	7,227,902	7,023,025	4,506,500	1,800,600	1,800,600	1,800,600

Fund Overview

The Hydroelectric Power Bond Redemption Fund pays the debt service due on revenue bonds that were issued to finance construction of the Portland Hydroelectric Project (PHP). This fund is required by the PHP power sales agreement between the City and Portland General Electric (PGE). The trustee for the City's Hydroelectric Power Revenue Refunding Bonds holds the assets in this fund and serves as paying agent for the bonds.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

In the FY 2016-17 Adopted Budget, the funding source for the amount of resources needed to pay the debt service due on the outstanding Hydropower Revenue Bonds has changed in accordance with the directions in the Trust Indenture for those bonds. Until FY 2014-15, that funding source came from power sales payments made by PGE to this fund. In FY 2015-16 and FY 2016-17, funds that have previously been held in the Hydropower Debt Service Reserve portion of this fund are being used to make the payments due to the bondholders. On October 1, 2016, the last of the outstanding Portland Hydroelectric Power Revenue Refunding Bonds, series 2006 will be paid off.

Hydroelectric Power Bond Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Hydropower Revenue Refunding Bonds, Series 2006						
04/05/2006 - Due 10/1	21,370,000					
		2016/17	1,740,000	5.52%	48,051	1,788,051
		TOTAL	1,740,000		48,051	1,788,051

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	848,592	890,048	903,800	891,900	891,900	891,900
Total External Revenues	848,592	890,048	903,800	891,900	891,900	891,900
Fund Transfers - Revenue	168,169	4,303	300,000	125,000	125,000	125,000
Interagency Revenue	53,453	67,783	62,000	65,500	65,500	65,500
Total Internal Revenues	221,622	72,086	362,000	190,500	190,500	190,500
Beginning Fund Balance	282,288	398,245	419,400	222,700	222,700	222,700
Total Resources	1,352,502	1,360,379	1,685,200	1,305,100	1,305,100	1,305,100
Requirements						
Personnel Services	267,256	282,600	430,655	357,148	357,148	357,148
External Materials and Services	152,785	72,657	402,369	285,829	285,829	285,829
Internal Materials and Services	181,709	118,516	148,643	154,753	154,753	154,753
Total Bureau Expenditures	601,750	473,773	981,667	797,730	797,730	797,730
Debt Service	18,155	19,826	22,758	24,442	24,442	24,442
Contingency	0	0	240,598	257,513	257,474	257,421
Fund Transfers - Expense	334,352	403,921	440,177	225,415	225,454	225,507
Total Fund Expenditures	352,507	423,747	703,533	507,370	507,370	507,370
Ending Fund Balance	398,245	462,859	0	0	0	0
Total Requirements	1,352,502	1,360,379	1,685,200	1,305,100	1,305,100	1,305,100

Fund Overview

The Hydroelectric Power Operating Fund supports the administration and monitoring of the Portland Hydroelectric Project (PHP) through the Portland Water Bureau's Hydroelectric Power Division. All expenditures needed to meet the City's responsibilities for the PHP are paid by this fund, with the exception of debt service expenses.

Resources

The primary revenue source for this fund is power sales payments made to the City by Portland General Electric (PGE) for the purchase of electricity that is generated at the PHP. The power sales revenue received by this fund consists of two PGE payments:

- ◆ PGE contributes an annually adjusted amount to reimburse the City's expenses associated with administration, regulatory compliance, and water quality monitoring related to PHP operations.
- ◆ PGE pays this fund a second amount that serves as a profit payment tied to the actual amount of power generated annually by the PHP. In an average year, this amount is about \$230,000.

Managing Agency

Portland Water Bureau

Significant Changes from Prior Year

Payments from PGE

In FY 2016-17, the reimbursement from PGE to the City that is dedicated for administration, regulatory compliance, and water quality monitoring expenses related to the PHP is projected to be \$649,850.

PGE pays the City annually for profit on power generated by the PHP which, for FY 2016-17, will provide a profit payment to the City that is projected to be approximately \$226,000.

PHP Maintenance

The FY 2016-17 budget for the Hydroelectric Power Operating Fund has budgeted \$125,000 in cash transfer revenues from the Hydroelectric Power Renewal and Replacement Fund as well as an equal amount of expenditures to reimburse PGE for the costs of ongoing repair and replacements to the PHP facilities. The cash transfers and reimbursements are only made in response to work actually done by PGE for the PHP.

PHP Contracts

In FY 2016-17, the City will have both City Staff and outside consultants working on developing power sales and operating and maintenance contracts for the PHP for the period starting in September of 2017.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	448,292	310,300	476,300	428,000	428,000	428,000
Total External Revenues	448,292	310,300	476,300	428,000	428,000	428,000
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	10,075,960	10,394,099	10,454,900	10,863,900	10,863,900	10,863,900
Total Resources	10,524,252	10,704,399	10,931,200	11,291,900	11,291,900	11,291,900
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	10,631,200	11,166,900	11,166,900	11,166,900
Fund Transfers - Expense	130,153	0	300,000	125,000	125,000	125,000
Total Fund Expenditures	130,153	0	10,931,200	11,291,900	11,291,900	11,291,900
Ending Fund Balance	10,394,099	10,704,399	0	0	0	0
Total Requirements	10,524,252	10,704,399	10,931,200	11,291,900	11,291,900	11,291,900

Fund Overview

The Hydroelectric Power Renewal and Replacement Fund is a sinking fund for the Portland Hydroelectric Project. The fund provides resources for the repair and replacement of major equipment and facilities that become damaged or in need of repair. The existence of this fund is required by the Portland Hydroelectric Project power sales agreement between the City and Portland General Electric, and the assets are held by the trustee for the City's Hydroelectric Power Revenue Refunding Bonds.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

The FY 2016-17 budget includes \$125,000 for cash transfers to the Hydroelectric Power Operating Fund to pay for ongoing repair and replacements of the Portland Hydroelectric Project facilities.

Sewer System Construction Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	643,602	1,231,919	750,000	650,000	650,000	650,000
Bond & Note	96,893,084	208,240,067	0	157,000,000	157,000,000	157,000,000
Miscellaneous	182,847	910,377	1,700,000	1,000,000	1,000,000	1,000,000
Total External Revenues	97,719,533	210,382,363	2,450,000	158,650,000	158,650,000	158,650,000
Fund Transfers - Revenue	15,547,260	14,650,000	26,000,000	25,700,000	25,700,000	25,700,000
Total Internal Revenues	15,547,260	14,650,000	26,000,000	25,700,000	25,700,000	25,700,000
Beginning Fund Balance	6,582,882	13,803,689	140,000,000	75,000,000	85,000,000	85,000,000
Total Resources	119,849,675	238,836,052	168,450,000	259,350,000	269,350,000	269,350,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	466,137	943,956	0	0	0	0
Contingency	0	0	56,850,000	145,050,000	155,050,000	159,047,000
Fund Transfers - Expense	105,579,849	93,334,277	111,600,000	114,300,000	114,300,000	110,303,000
Total Fund Expenditures	106,045,986	94,278,233	168,450,000	259,350,000	269,350,000	269,350,000
Ending Fund Balance	13,803,689	144,557,819	0	0	0	0
Total Requirements	119,849,675	238,836,052	168,450,000	259,350,000	269,350,000	269,350,000

Fund Overview

The Sewer System Construction Fund receives revenues to fund sewer system capital projects. Direct expenditures for capital projects are budgeted within the Sewer System Operating Fund and reimbursed by the Sewer System Construction Fund. The primary resources for the capital program are proceeds from the sale of sewer system revenue bonds, transfers from the Sewer System Operating Fund for cash financing of capital improvements, and line and branch charges from new sewer connections.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

The beginning fund balance of \$85.0 million in FY 2016-17 reflects the bond proceeds from a sale in early FY 2014-15, and will fund the bureau's capital investment program until the next sale, an estimated amount of \$157.0 million.

Charges for services decreased slightly from \$0.8 million to \$0.7 million for line and branch charges.

Revenue from fund transfers decreases by \$0.3 million, from \$26.0 million to \$25.7 million, and consists of a \$25.0 million transfer from the Sewer System Operating Fund and a \$0.7 million transfer from the Local Improvement District Fund from a special assessment bond sale.

Miscellaneous revenues of \$1.0 million in interest earnings are budgeted lower in FY 2016-17 than FY 2015-16 based on the estimated spend-down of proceeds and a projected interest earnings rate of 1.0%.

Other cash transfer expenses of \$110.3 million reflect the reimbursement of the operating fund for CIP expenditures, a decrease of \$1.3 million from FY 2015-16.

The contingency projection for FY 2016-17 is \$159.0 million, significantly larger than the FY 2015-16 Revised Budget, reflecting proceeds from the planned FY 2016-17 bond sale.

Sewer System Debt Redemption Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	137,766,134	114,351,686	0	14,300,000	14,300,000	14,300,000
Miscellaneous	233,356	339,526	265,000	650,000	650,000	650,000
Total External Revenues	137,999,490	114,691,212	265,000	14,950,000	14,950,000	14,950,000
Fund Transfers - Revenue	148,231,697	166,113,668	175,626,728	181,875,034	177,110,284	177,110,284
Total Internal Revenues	148,231,697	166,113,668	175,626,728	181,875,034	177,110,284	177,110,284
Beginning Fund Balance	30,765,367	48,702,888	61,775,000	61,825,000	61,825,000	61,825,000
Total Resources	316,996,554	329,507,768	237,666,728	258,650,034	253,885,284	253,885,284
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	268,293,666	267,686,643	173,891,728	182,525,034	177,760,284	177,760,284
Debt Service Reserves	0	0	63,775,000	76,125,000	76,125,000	76,125,000
Total Fund Expenditures	268,293,666	267,686,643	237,666,728	258,650,034	253,885,284	253,885,284
Ending Fund Balance	48,702,888	61,821,125	0	0	0	0
Total Requirements	316,996,554	329,507,768	237,666,728	258,650,034	253,885,284	253,885,284

Fund Overview

The Sewer System Debt Redemption Fund pays the principal and interest on revenue bonds, notes, and state loans issued to finance sewer system improvements.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

The fund is managed on a cash basis with cash transfers from the Sewer System Operating Fund set to maintain a \$10,000 unrestricted ending cash balance plus any restricted cash balances that are required by bond and loan covenants. The bulk of the beginning fund balance is the result of a cash reserve of \$58.8 million required by the sale of sewer system revenue bonds. These reserves are required to be maintained until the bonds are fully paid.

Debt service expenditures for the FY 2016-17 Adopted Budget are \$177.8 million and are paid from the following sources: sewer and stormwater user charges and other revenues of the Sewer System Operating Fund via cash transfers totaling \$177.1 million in FY 2015-16; and estimated interest earnings in the fund of \$0.7 million.

The total amount of sewer system debt outstanding at the beginning of the FY 2016-17 is estimated to be \$603.2 million for the first lien bonded debt and \$997.5 million for subordinate lien bonded debt and loans.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
First Lien Sewer System Revenue Refunding Bonds, 2008 Series A						
4/17/2008 - Due 6/15	333,015,000					
		2016/17	15,010,000	5.00%	11,337,175	26,347,175
		2017/18	58,060,000	5.00%	10,586,675	68,646,675
		2018/19	7,940,000	4.25%	7,683,675	15,623,675
		2019/20	8,275,000	4.25%	7,346,225	15,621,225
		2020/21	8,630,000	4.25%	6,994,538	15,624,538
		2021/22	8,995,000	4.50%	6,627,763	15,622,763
		2022/23	9,400,000	4.50%	6,222,988	15,622,988
		2023/24	9,820,000	4.75%	5,799,988	15,619,988
		2024/25	10,290,000	4.75%	5,333,538	15,623,538
		2025/26	10,780,000	4.75%	4,844,763	15,624,763
		2026/27	11,290,000	4.75%	4,332,713	15,622,713
		2027/28	11,825,000	4.75%	3,796,438	15,621,438
		2028/29	12,385,000	4.75%	3,234,750	15,619,750
		2029/30	12,975,000	4.75%	2,646,463	15,621,463
		2030/31	13,590,000	4.75%	2,030,150	15,620,150
		2031/32	14,235,000	4.75%	1,384,625	15,619,625
		2032/33	14,915,000	4.75%	708,463	15,623,463
		TOTAL	238,415,000		90,910,925	329,325,925
First Lien Sewer System Revenue Bonds, 2014 Series A						
8/14/2014 - Due 10/1	86,165,000					
		2016/17	7,160,000	5.00%	3,789,000	10,949,000
		2017/18	7,525,000	5.00%	3,421,875	10,946,875
		2018/19	7,915,000	5.00%	3,035,875	10,950,875
		2019/20	8,320,000	5.00%	2,630,000	10,950,000
		2020/21	8,745,000	5.00%	2,203,375	10,948,375
		2021/22	9,190,000	5.00%	1,755,000	10,945,000
		2022/23	9,670,000	5.00%	1,283,500	10,953,500
		2023/24	10,155,000	5.00%	787,875	10,942,875
		2024/25	10,680,000	5.00%	267,000	10,947,000
		TOTAL	79,360,000		19,173,500	98,533,500
First Lien Sewer System Revenue Refunding Bonds, 2015 Series A						
8/27/2015 - Due 6/1	329,805,000					
		2016/17	46,470,000	5.00%	13,760,000	60,230,000
		2017/18	7,340,000	5.00%	11,436,500	18,776,500
		2018/19	52,450,000	5.00%	11,069,500	63,519,500
		2019/20	55,075,000	5.00%	8,447,000	63,522,000
		2020/21	47,000,000	5.00%	5,693,250	52,693,250
		2021/22	0	0.00%	3,343,250	3,343,250
		2022/23	0	0.00%	3,343,250	3,343,250

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	8,185,000	5.00%	3,343,250	11,528,250
		2024/25	8,600,000	5.00%	2,934,000	11,534,000
		2025/26	9,030,000	5.00%	2,504,000	11,534,000
		2026/27	9,475,000	3.00%	2,052,500	11,527,500
		2027/28	9,765,000	5.00%	1,768,250	11,533,250
		2028/29	10,250,000	4.00%	1,280,000	11,530,000
		2029/30	10,665,000	4.00%	870,000	11,535,000
		2030/31	11,085,000	4.00%	443,400	11,528,400
		TOTAL	285,390,000		72,288,150	357,678,150

TOTAL - First Lien Sewer Bonds

748,985,000

2016/17	68,640,000	28,886,175	97,526,175
2017/18	72,925,000	25,445,050	98,370,050
2018/19	68,305,000	21,789,050	90,094,050
2019/20	71,670,000	18,423,225	90,093,225
2020/21	64,375,000	14,891,163	79,266,163
2021/22	18,185,000	11,726,013	29,911,013
2022/23	19,070,000	10,849,738	29,919,738
2023/24	28,160,000	9,931,113	38,091,113
2024/25	29,570,000	8,534,538	38,104,538
2025/26	19,810,000	7,348,763	27,158,763
2026/27	20,765,000	6,385,213	27,150,213
2027/28	21,590,000	5,564,688	27,154,688
2028/29	22,635,000	4,514,750	27,149,750
2029/30	23,640,000	3,516,463	27,156,463
2030/31	24,675,000	2,473,550	27,148,550
2031/32	14,235,000	1,384,625	15,619,625
2032/33	14,915,000	708,463	15,623,463

TOTAL FIRST LIEN SEWER REVENUE BONDS

603,165,000 182,372,575 785,537,575

Second Lien Sewer System Revenue Refunding Bonds, 2008 Series B

4/17/2008 - Due 6/15

195,700,000

2016/17	1,880,000	5.00%	9,200,500	11,080,500
2017/18	1,975,000	5.00%	9,106,500	11,081,500
2018/19	7,445,000	5.00%	9,007,750	16,452,750
2019/20	6,930,000	5.00%	8,635,500	15,565,500
2020/21	7,625,000	5.00%	8,289,000	15,914,000
2021/22	60,900,000	5.00%	7,907,750	68,807,750
2022/23	63,970,000	5.00%	4,862,750	68,832,750
2023/24	2,645,000	5.00%	1,664,250	4,309,250
2024/25	2,780,000	5.00%	1,532,000	4,312,000

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2025/26	2,920,000	5.00%	1,393,000	4,313,000
		2026/27	3,065,000	5.00%	1,247,000	4,312,000
		2027/28	3,215,000	5.00%	1,093,750	4,308,750
		2028/29	3,375,000	5.00%	933,000	4,308,000
		2029/30	3,545,000	5.00%	764,250	4,309,250
		2030/31	3,725,000	5.00%	587,000	4,312,000
		2031/32	3,910,000	5.00%	400,750	4,310,750
		2032/33	4,105,000	5.00%	205,250	4,310,250
		TOTAL	184,010,000		66,830,000	250,840,000

Second Lien Sewer System Revenue Bonds, 2010 Series A**8/19/2010 - Due 3/1**

407,850,000

		2016/17	11,510,000	5.00%	16,352,575	27,862,575
		2017/18	12,090,000	5.00%	15,777,075	27,867,075
		2018/19	12,690,000	5.00%	15,172,575	27,862,575
		2019/20	13,330,000	5.00%	14,538,075	27,868,075
		2020/21	13,990,000	4.00%	13,871,575	27,861,575
		2021/22	14,550,000	4.00%	13,311,975	27,861,975
		2022/23	15,140,000	4.00%	12,729,975	27,869,975
		2023/24	15,740,000	4.25%	12,124,375	27,864,375
		2024/25	16,410,000	4.25%	11,455,425	27,865,425
		2025/26	17,110,000	5.00%	10,758,000	27,868,000
		2026/27	17,960,000	5.00%	9,902,500	27,862,500
		2027/28	18,860,000	5.00%	9,004,500	27,864,500
		2028/29	19,800,000	5.00%	8,061,500	27,861,500
		2029/30	20,790,000	5.00%	7,071,500	27,861,500
		2030/31	21,830,000	5.00%	6,032,000	27,862,000
		2031/32	22,930,000	5.00%	4,940,500	27,870,500
		2032/33	24,070,000	5.00%	3,794,000	27,864,000
		2033/34	25,270,000	5.00%	2,590,500	27,860,500
		2034/35	26,540,000	5.00%	1,327,000	27,867,000
		TOTAL	340,610,000		188,815,625	529,425,625

Second Lien Sewer System Revenue & Refunding Bonds, 2013 Series A**9/17/2013 - Due 8/1**

210,965,000

		2016/17	6,430,000	5.00%	9,623,400	16,053,400
		2017/18	6,765,000	5.00%	9,293,525	16,058,525
		2018/19	7,105,000	5.00%	8,946,775	16,051,775
		2019/20	7,470,000	5.00%	8,582,400	16,052,400
		2020/21	7,860,000	5.00%	8,199,150	16,059,150
		2021/22	8,260,000	5.00%	7,796,150	16,056,150
		2022/23	8,685,000	5.00%	7,372,525	16,057,525
		2023/24	13,250,000	5.00%	6,824,150	20,074,150

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2024/25	6,190,000	5.00%	6,338,150	12,528,150
		2025/26	6,510,000	5.00%	6,020,650	12,530,650
		2026/27	6,840,000	5.00%	5,686,900	12,526,900
		2027/28	7,160,000	4.00%	5,372,700	12,532,700
		2028/29	7,450,000	4.00%	5,080,500	12,530,500
		2029/30	7,795,000	5.00%	4,736,625	12,531,625
		2030/31	8,195,000	5.00%	4,336,875	12,531,875
		2031/32	8,615,000	5.00%	3,916,625	12,531,625
		2032/33	9,055,000	5.00%	3,474,875	12,529,875
		2033/34	9,520,000	5.00%	3,010,500	12,530,500
		2034/35	10,010,000	5.00%	2,522,250	12,532,250
		2035/36	10,525,000	5.00%	2,008,875	12,533,875
		2036/37	11,060,000	5.00%	1,469,250	12,529,250
		2037/38	11,630,000	5.00%	902,000	12,532,000
		2038/39	12,225,000	5.00%	305,625	12,530,625
		TOTAL	198,605,000		121,820,475	320,425,475

Second Lien Sewer System Revenue Bonds, 2014 Series A

8/14/2014 - Due 10/1

204,220,000

2016/17	4,690,000	5.00%	8,380,550	13,070,550
2017/18	4,930,000	5.00%	8,140,050	13,070,050
2018/19	5,185,000	5.00%	7,887,175	13,072,175
2019/20	5,450,000	5.00%	7,621,300	13,071,300
2020/21	5,730,000	5.00%	7,341,800	13,071,800
2021/22	6,025,000	5.00%	7,047,925	13,072,925
2022/23	6,330,000	5.00%	6,739,050	13,069,050
2023/24	6,655,000	5.00%	6,414,425	13,069,425
2024/25	7,000,000	5.00%	6,073,050	13,073,050
2025/26	7,355,000	5.00%	5,714,175	13,069,175
2026/27	7,735,000	5.00%	5,336,925	13,071,925
2027/28	8,050,000	3.00%	5,022,800	13,072,800
2028/29	8,295,000	3.00%	4,777,625	13,072,625
2029/30	8,590,000	4.00%	4,481,400	13,071,400
2030/31	8,940,000	4.00%	4,130,800	13,070,800
2031/32	9,305,000	4.00%	3,765,900	13,070,900
2032/33	9,685,000	4.00%	3,386,100	13,071,100
2033/34	10,080,000	4.00%	2,990,800	13,070,800
2034/35	10,490,000	4.00%	2,579,400	13,069,400
2035/36	10,920,000	4.00%	2,151,200	13,071,200
2036/37	11,365,000	4.00%	1,705,500	13,070,500
2037/38	11,830,000	4.00%	1,241,600	13,071,600
2038/39	12,310,000	4.00%	758,800	13,068,800

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2039/40	12,815,000	4.00%	256,300	13,071,300
		TOTAL	199,760,000		113,944,650	313,704,650
Second Lien Sewer System Revenue Refunding Bonds, 2015 Series B						
8/27/2015 - Due 6/1	63,300,000					
		2016/17	3,260,000	5.00%	2,644,050	5,904,050
		2017/18	3,420,000	5.00%	2,481,050	5,901,050
		2018/19	3,590,000	5.00%	2,310,050	5,900,050
		2019/20	3,770,000	5.00%	2,130,550	5,900,550
		2020/21	3,450,000	5.00%	1,942,050	5,392,050
		2021/22	1,000,000	5.00%	1,769,550	2,769,550
		2022/23	1,000,000	5.00%	1,719,550	2,719,550
		2023/24	4,230,000	5.00%	1,669,550	5,899,550
		2024/25	4,445,000	5.00%	1,458,050	5,903,050
		2025/26	4,665,000	5.00%	1,235,800	5,900,800
		2026/27	4,895,000	5.00%	1,002,550	5,897,550
		2027/28	5,145,000	5.00%	757,800	5,902,800
		2028/29	5,400,000	3.00%	500,550	5,900,550
		2029/30	5,560,000	3.00%	338,550	5,898,550
		2030/31	5,725,000	3.00%	171,750	5,896,750
		TOTAL	59,555,000		22,131,450	81,686,450
Proposed Second Lien Sewer Revenue Bonds						
Date - TBD						
		2016/17	0		4,750,000	4,750,000
		TOTAL	0		4,750,000	4,750,000
TOTAL - Second Lien Sewer Bonds						
	1,082,035,000					
		2016/17	27,770,000		50,951,075	78,721,075
		2017/18	29,180,000		44,798,200	73,978,200
		2018/19	36,015,000		43,324,325	79,339,325
		2019/20	36,950,000		41,507,825	78,457,825
		2020/21	38,655,000		39,643,575	78,298,575
		2021/22	90,735,000		37,833,350	128,568,350
		2022/23	95,125,000		33,423,850	128,548,850
		2023/24	42,520,000		28,696,750	71,216,750
		2024/25	36,825,000		26,856,675	63,681,675
		2025/26	38,560,000		25,121,625	63,681,625
		2026/27	40,495,000		23,175,875	63,670,875
		2027/28	42,430,000		21,251,550	63,681,550
		2028/29	44,320,000		19,353,175	63,673,175
		2029/30	46,280,000		17,392,325	63,672,325
		2030/31	48,415,000		15,258,425	63,673,425

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2031/32	44,760,000		13,023,775	57,783,775
		2032/33	46,915,000		10,860,225	57,775,225
		2033/34	44,870,000		8,591,800	53,461,800
		2034/35	47,040,000		6,428,650	53,468,650
		2035/36	21,445,000		4,160,075	25,605,075
		2036/37	22,425,000		3,174,750	25,599,750
		2037/38	23,460,000		2,143,600	25,603,600
		2038/39	24,535,000		1,064,425	25,599,425
		2039/40	12,815,000		256,300	13,071,300
TOTAL SECOND LIEN SEWER REVENUE BONDS			982,540,000		518,292,200	1,500,832,200
Department of Environmental Quality - Clean Water Loan #R74163						
Due - 8/1 & 2/1	2,326,248					
		2016/17	121,130	1.00%	12,372	133,502
		2017/18	122,344	1.00%	11,158	133,502
		2018/19	123,570	1.00%	9,932	133,502
		2019/20	124,809	1.00%	8,693	133,502
		2020/21	126,060	1.00%	7,442	133,502
		2021/22	127,324	1.00%	6,178	133,502
		2022/23	128,601	1.00%	4,901	133,502
		2023/24	129,890	1.00%	3,612	133,502
		2024/25	131,192	1.00%	2,310	133,502
		2025/26	132,525	1.00%	995	133,520
		TOTAL	1,267,445		67,593	1,335,038
Department of Environmental Quality - Clean Water Loan #R74164						
Due - 8/1 & 2/1	6,404,380					
		2016/17	345,927	1.00%	35,333	381,260
		2017/18	349,395	1.00%	31,865	381,260
		2018/19	352,898	1.00%	28,362	381,260
		2019/20	356,435	1.00%	24,825	381,260
		2020/21	360,008	1.00%	21,252	381,260
		2021/22	363,617	1.00%	17,643	381,260
		2022/23	367,263	1.00%	13,997	381,260
		2023/24	370,945	1.00%	10,315	381,260
		2024/25	374,664	1.00%	6,596	381,260
		2025/26	378,411	1.00%	2,840	381,251
		TOTAL	3,619,563		193,028	3,812,591
Department of Environmental Quality - Clean Water Loan #R74165						
Due - 12/1 & 6/1	4,158,000					
		2016/17	206,948	1.00%	21,138	228,086
		2017/18	209,023	1.00%	19,063	228,086

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2018/19	211,118	1.00%	16,968	228,086
		2019/20	213,235	1.00%	14,851	228,086
		2020/21	215,373	1.00%	12,713	228,086
		2021/22	217,532	1.00%	10,554	228,086
		2022/23	219,712	1.00%	8,374	228,086
		2023/24	221,915	1.00%	6,171	228,086
		2024/25	224,139	1.00%	3,947	228,086
		2025/26	226,392	1.00%	1,699	228,091
		TOTAL	2,165,387		115,478	2,280,865

Department of Environmental Quality - Clean Water Loan #R74167**Due - 12/1 & 6/1**

4,272,068

		2016/17	218,192	1.00%	23,488	241,680
		2017/18	220,379	1.00%	21,301	241,680
		2018/19	222,589	1.00%	19,091	241,680
		2019/20	224,819	1.00%	16,861	241,680
		2020/21	227,074	1.00%	14,606	241,680
		2021/22	229,350	1.00%	12,330	241,680
		2022/23	231,649	1.00%	10,031	241,680
		2023/24	233,971	1.00%	7,709	241,680
		2024/25	236,317	1.00%	5,363	241,680
		2025/26	238,686	1.00%	2,994	241,680
		2026/27	120,238	1.00%	601	120,839
		TOTAL	2,403,264		134,375	2,537,639

Department of Environmental Quality - Clean Water Loan #R74168**Due - 12/1 & 6/1**

1,482,454

		2016/17	75,655	1.00%	8,145	83,800
		2017/18	76,414	1.00%	7,386	83,800
		2018/19	77,180	1.00%	6,620	83,800
		2019/20	77,954	1.00%	5,846	83,800
		2020/21	78,735	1.00%	5,065	83,800
		2021/22	79,524	1.00%	4,276	83,800
		2022/23	80,322	1.00%	3,478	83,800
		2023/24	81,127	1.00%	2,673	83,800
		2024/25	81,940	1.00%	1,860	83,800
		2025/26	82,762	1.00%	1,038	83,800
		2026/27	41,694	1.00%	208	41,902
		TOTAL	833,307		46,595	879,902

Department of Environmental Quality - Clean Water Loan #R74169**Due - 4/1 & 10/1**

1,149,012

		2016/17	58,978	1.00%	6,024	65,002
		2017/18	59,569	1.00%	5,433	65,002

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2018/19	60,166	1.00%	4,836	65,002
		2019/20	60,770	1.00%	4,232	65,002
		2020/21	61,379	1.00%	3,623	65,002
		2021/22	61,994	1.00%	3,008	65,002
		2022/23	62,616	1.00%	2,386	65,002
		2023/24	63,244	1.00%	1,758	65,002
		2024/25	63,877	1.00%	1,125	65,002
		2025/26	64,519	1.00%	485	65,004
		TOTAL	617,112		32,910	650,022
Department of Environmental Quality - Clean Water Loan #R74170						
Due - 4/1 & 10/1	5,534,000					
		2016/17	282,643	1.00%	30,427	313,070
		2017/18	285,476	1.00%	27,594	313,070
		2018/19	288,339	1.00%	24,731	313,070
		2019/20	291,229	1.00%	21,841	313,070
		2020/21	294,149	1.00%	18,921	313,070
		2021/22	297,097	1.00%	15,973	313,070
		2022/23	300,076	1.00%	12,994	313,070
		2023/24	303,084	1.00%	9,986	313,070
		2024/25	306,123	1.00%	6,947	313,070
		2025/26	309,191	1.00%	3,879	313,070
		2026/27	155,762	1.00%	779	156,541
		TOTAL	3,113,169		174,072	3,287,241
Department of Environmental Quality - Clean Water Loan #R74171						
Due - 8/1 & 2/1	1,057,365					
		2016/17	51,783	1.00%	8,209	59,992
		2017/18	52,303	1.00%	7,689	59,992
		2018/19	52,828	1.00%	7,164	59,992
		2019/20	53,357	1.00%	6,635	59,992
		2020/21	53,892	1.00%	6,100	59,992
		2021/22	54,432	1.00%	5,560	59,992
		2022/23	54,977	1.00%	5,015	59,992
		2023/24	55,529	1.00%	4,463	59,992
		2024/25	56,086	1.00%	3,906	59,992
		2025/26	56,648	1.00%	3,344	59,992
		2026/27	57,216	1.00%	2,776	59,992
		2027/28	57,790	1.00%	2,202	59,992
		2028/29	58,369	1.00%	1,623	59,992
		2029/30	58,953	1.00%	1,039	59,992
		2030/31	59,565	1.00%	447	60,012
		TOTAL	833,728		66,172	899,900

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Department of Environmental Quality - Clean Water Loan #R74172						
Due - 2/1 & 8/1	100,000					
		2016/17	4,835	2.72%	1,807	6,642
		2017/18	4,968	2.72%	1,674	6,642
		2018/19	5,104	2.72%	1,538	6,642
		2019/20	5,244	2.72%	1,398	6,642
		2020/21	5,388	2.72%	1,254	6,642
		2021/22	5,535	2.72%	1,107	6,642
		2022/23	5,686	2.72%	956	6,642
		2023/24	5,842	2.72%	800	6,642
		2024/25	6,002	2.72%	640	6,642
		2025/26	6,166	2.72%	476	6,642
		2026/27	6,335	2.72%	307	6,642
		2027/28	6,507	2.72%	133	6,640
		TOTAL	67,612		12,090	79,702
TOTAL - Third Lien Debt						
	26,483,527					
		2016/17	1,366,091		146,943	1,513,034
		2017/18	1,379,871		133,163	1,513,034
		2018/19	1,393,792		119,242	1,513,034
		2019/20	1,407,852		105,182	1,513,034
		2020/21	1,422,058		90,976	1,513,034
		2021/22	1,436,405		76,629	1,513,034
		2022/23	1,450,902		62,132	1,513,034
		2023/24	1,465,547		47,487	1,513,034
		2024/25	1,480,340		32,694	1,513,034
		2025/26	1,495,300		17,750	1,513,050
		2026/27	381,245		4,671	385,916
		2027/28	64,297		2,335	66,632
		2028/29	58,369		1,623	59,992
		2029/30	58,953		1,039	59,992
		2030/31	59,565		447	60,012
TOTAL THIRD LIEN DEBT			14,920,587		842,313	15,762,900
COMBINED DEBT SERVICE						
	1,857,503,527					
		2016/17	97,776,091		79,984,193	177,760,284
		2017/18	103,484,871		70,376,413	173,861,284
		2018/19	105,713,792		65,232,617	170,946,409
		2019/20	110,027,852		60,036,232	170,064,084
		2020/21	104,452,058		54,625,714	159,077,772
		2021/22	110,356,405		49,635,992	159,992,397

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2022/23	115,645,902		44,335,720	159,981,622
		2023/24	72,145,547		38,675,350	110,820,897
		2024/25	67,875,340		35,423,907	103,299,247
		2025/26	59,865,300		32,488,138	92,353,438
		2026/27	61,641,245		29,565,759	91,207,004
		2027/28	64,084,297		26,818,573	90,902,870
		2028/29	67,013,369		23,869,548	90,882,917
		2029/30	69,978,953		20,909,827	90,888,780
		2030/31	73,149,565		17,732,422	90,881,987
		2031/32	58,995,000		14,408,400	73,403,400
		2032/33	61,830,000		11,568,688	73,398,688
		2033/34	44,870,000		8,591,800	53,461,800
		2034/35	47,040,000		6,428,650	53,468,650
		2035/36	21,445,000		4,160,075	25,605,075
		2036/37	22,425,000		3,174,750	25,599,750
		2037/38	23,460,000		2,143,600	25,603,600
		2038/39	24,535,000		1,064,425	25,599,425
		2039/40	12,815,000		256,300	13,071,300
TOTAL FUND DEBT SERVICE			1,600,625,587		701,507,088	2,302,132,675

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	1,739,676	2,013,484	1,980,000	2,045,000	2,295,000	2,295,000
Charges for Services	299,225,942	325,418,641	342,369,427	338,314,264	344,735,000	344,735,000
Intergovernmental	211,348	1,591,069	228,000	125,000	125,000	125,000
Miscellaneous	1,527,252	1,522,021	680,000	955,000	955,000	955,000
Total External Revenues	302,704,218	330,545,215	345,257,427	341,439,264	348,110,000	348,110,000
Fund Transfers - Revenue	107,207,833	94,612,743	114,240,243	125,420,423	125,468,866	121,471,866
Interagency Revenue	1,959,225	1,456,981	1,430,391	1,615,621	1,615,621	1,762,621
Total Internal Revenues	109,167,058	96,069,724	115,670,634	127,036,044	127,084,487	123,234,487
Beginning Fund Balance	53,304,250	57,842,684	65,180,000	67,180,000	69,180,000	69,180,000
Total Resources	465,175,526	484,457,623	526,108,061	535,655,308	544,374,487	540,524,487
Requirements						
Personnel Services	57,893,449	60,149,652	64,006,970	65,971,011	65,971,011	66,230,481
External Materials and Services	55,174,820	53,756,751	63,512,170	56,961,865	57,010,308	57,009,404
Internal Materials and Services	42,094,465	39,619,122	41,736,458	42,602,880	42,498,242	42,517,473
Capital Outlay	58,256,960	53,070,391	66,752,362	81,969,763	81,969,763	78,120,667
Total Bureau Expenditures	213,419,694	206,595,916	236,007,960	247,505,519	247,449,324	243,878,025
Debt Service	2,408,331	2,660,793	3,049,167	3,261,971	3,261,971	3,261,971
Contingency	0	0	54,838,394	66,236,038	74,764,973	74,471,093
Fund Transfers - Expense	191,504,817	210,460,929	232,032,540	218,471,780	218,718,219	218,733,398
Debt Service Reserves	0	0	180,000	180,000	180,000	180,000
Total Fund Expenditures	193,913,148	213,121,722	290,100,101	288,149,789	296,925,163	296,646,462
Ending Fund Balance	57,842,684	64,739,985	0	0	0	0
Total Requirements	465,175,526	484,457,623	526,108,061	535,655,308	544,374,487	540,524,487

Fund Overview

The purpose of the Sewer System Operating Fund is to account for revenues and expenses associated with the development, maintenance, and operation of the City's sanitary sewer and storm drainage system. Fund resources include: sewer and drainage charges, wholesale contract revenues from other governmental jurisdictions, reimbursements for services provided to other bureaus, and reimbursements from the Sewer System Construction Fund for capital expenses.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Resources

The largest source of revenues are sewer rate revenues. Charges for services, which include sewer rate revenues, connection charges, wholesale contract revenues, and other miscellaneous charges, are forecast to increase to \$344.7 million in FY 2016-17.

Sewer rate revenues are based, in part, upon the following assumptions: an average single family residential bill increase of 3.25%, an increase of 0.5% in the number of customer accounts, a 0.4% decrease in usage per single-family residential customer, a 1.5% decrease in multi-family volume and 1.8% increase in commercial volume. System Development Charges are projected to be \$15.2 million in FY 2016-17.

Requirements

Personnel services increased 3.5% as compared to the FY 2015-16 Revised Budget. The Adopted Budget adds 14.0 FTEs, bringing the total FTE count to 548.88.

The external materials and services budget decreased by 10.2% or \$6.5 million. This is primarily due to operating budget decreases of \$1.8 million for contract services for biosolids land application because of the lagoon reconstruction project, reduction within wholesale contract agreements, reflecting operational improvements in the Fanno Basin, contract employee reductions, conversion of those personnel needs to regular employees, and, completion of operating projects such as Laurelhurst School Stormwater Retrofit. Increases within the operating budget of \$1.4 million include resources for facility plans, maintenance support for Cogen engine rehabilitation, computer licensing, and mobilization costs and operating support to the capital program regarding stormwater private property retrofit facility construction. Adding to the variance, the utility franchise fee (a 5% fee on rate revenues paid to the General Fund) increases from \$15.3 million to \$16.0 million. The Capital Improvement Program (CIP) portion of external materials and services budget decreased by \$5.5 million, or 27.2% over the FY 2015-16 Revised Budget primarily due to decreases for design and contract services as large maintenance and repair projects move to construction.

Internal materials and services, services paid to other bureaus, increased by \$0.8 million or 1.6%. Of the increase, the operating programs increased over \$1.0 million primarily for sewer and stormwater collection system services provided by the Portland Bureau of Transportation (PBOT) and additional information technology and facility services costs. As compared to the FY 2015-16 Revised Budget, the CIP decreases by \$0.3 million or 4.9% due to the elimination of internal cost allocations reflecting revegetation services.

Capital outlay is \$78.1 million in the FY 2016-17 Adopted Budget versus \$66.7 million in the FY 2015-16 Revised Budget, reflecting an increase of \$11.4 million, \$9.8 million due to capital outlay increases in the CIP program. The operating program is increased \$1.5 million or 39.6% with \$2.3 million of planned purchases for Wastewater Services for fleet replacement for the PBOT-Maintenance Operations group, the bureau contracted for collection system operations and maintenance services.

Cash Transfers and General Fund Overhead

Cash transfers to other funds are budgeted at \$218.7 million for FY 2016-17, compared to the FY 2015-16 Revised Budget of \$232.0 million. The General Fund overhead allocation will increase by 3.0%. Transfers to the Sewer System Debt Redemption Fund are budgeted at \$177.1 million, up \$1.5 million from the FY 2015-16 Revised Budget of \$175.6 million, due to the proposed sale of sewer system revenue bonds in the spring of 2017. Transfers to the Sewer System Construction Fund, cash contributions to the CIP, are budgeted to decrease from \$26.0 million to \$25.0 million in FY 2016-17. Transfers to the Sewer Rate Stabilization Fund are budgeted at \$10.0 million in FY 2016-17, down from \$24.0 million in the FY 2015-16 Revised Budget. Other transfers include \$0.5 million to the Pension Bonds Debt Fund.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	27,230	146,967	175,000	625,000	625,000	625,000
Total External Revenues	27,230	146,967	175,000	625,000	625,000	625,000
Fund Transfers - Revenue	21,375,000	25,250,000	24,000,000	5,000,000	10,000,000	10,000,000
Total Internal Revenues	21,375,000	25,250,000	24,000,000	5,000,000	10,000,000	10,000,000
Beginning Fund Balance	4,864,460	26,266,690	49,800,000	65,450,000	73,500,000	73,500,000
Total Resources	26,266,690	51,663,657	73,975,000	71,075,000	84,125,000	84,125,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	72,475,000	61,075,000	74,125,000	74,125,000
Fund Transfers - Expense	0	0	1,500,000	10,000,000	10,000,000	10,000,000
Total Fund Expenditures	0	0	73,975,000	71,075,000	84,125,000	84,125,000
Ending Fund Balance	26,266,690	51,663,657	0	0	0	0
Total Requirements	26,266,690	51,663,657	73,975,000	71,075,000	84,125,000	84,125,000

Fund Overview

The Sewer System Rate Stabilization Fund was created in 1987 to enable the Bureau of Environmental Services to smooth the forecasted rate increases by managing fluctuations in sewer system revenues over several years. To calculate debt service coverage ratios, the bureau's master bond ordinance requires that transfers from Sewer System Operating Fund to this fund are treated as operating expenditures; conversely, transfers to the operating fund from this fund are treated as operating revenues. Fund balances were built up from FY 2002-03 through FY 2007-08 and drawn down through FY 2012-13 to offset rate increases associated with financing construction of the Eastside Combined Sewer Overflow Tunnel.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Fund transfer revenues are budgeted at \$10.0 million from the Sewer System Operating Fund, which is a significant reduction from \$24.0 million in FY 2015-16, to balance debt service coverage ratios and to replenish balances for future use.

Miscellaneous revenues, which are comprised of interest earnings, are budgeted at \$0.6 million due to increased cash balances, as shown in the FY 2016-17 beginning fund balance of \$73.5 million.

Fund transfer expenses are budgeted at \$10.0 million to the Sewer System Operating Fund, up from \$1.5 million in the FY 2015-16 Revised Budget. Budgeting for transfers both to and from the Sewer System Operating Fund allows the flexibility to respond to the uncertainties of either economic upturn or downturn in sewer rate revenues, permit fees, and connection charges.

Solid Waste Management Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	2,811,795	2,816,877	2,903,916	2,957,729	2,957,729	2,957,729
Charges for Services	2,192,539	2,385,530	2,252,975	2,806,284	2,806,284	2,806,284
Intergovernmental	28,690	21,010	26,000	26,000	26,000	26,000
Miscellaneous	68,213	51,943	48,949	70,713	70,713	70,713
Total External Revenues	5,101,237	5,275,360	5,231,840	5,860,726	5,860,726	5,860,726
Fund Transfers - Revenue	183	246	0	0	0	0
Interagency Revenue	12,000	12,000	7,000	5,000	5,000	5,000
Total Internal Revenues	12,183	12,246	7,000	5,000	5,000	5,000
Beginning Fund Balance	2,629,330	2,717,012	2,910,386	2,773,911	2,773,911	2,773,911
Total Resources	7,742,750	8,004,618	8,149,226	8,639,637	8,639,637	8,639,637
Requirements						
Personnel Services	2,149,041	2,238,936	2,494,359	2,476,660	2,476,660	2,476,660
External Materials and Services	1,085,160	898,710	1,333,875	1,439,068	1,439,068	1,438,855
Internal Materials and Services	1,538,775	1,460,555	1,657,810	1,679,492	1,679,492	1,679,705
Total Bureau Expenditures	4,772,976	4,598,201	5,486,044	5,595,220	5,595,220	5,595,220
Debt Service	46,063	50,304	57,742	62,016	62,016	62,016
Contingency	0	0	2,427,825	81,152	80,817	80,361
Fund Transfers - Expense	206,699	164,254	177,615	191,792	192,127	192,583
Total Fund Expenditures	252,762	214,558	2,663,182	334,960	334,960	334,960
Ending Fund Balance	2,717,012	3,191,859	0	2,709,457	2,709,457	2,709,457
Total Requirements	7,742,750	8,004,618	8,149,226	8,639,637	8,639,637	8,639,637

Fund Overview

The Solid Waste Management Fund accounts for expenses and revenues associated with the City's oversight of solid waste collection activities in Portland and the City's efforts to reduce the amount of solid waste and increase recycling and composting. The fund supports the bureau's Solid Waste and Recycling, Green Building, and Sustainable Education and Assistance programs. Revenue sources for the Solid Waste Management Fund include residential franchise, commercial tonnage, and permit fees.

Managing Agency Bureau of Planning & Sustainability

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	0	5,355,275	0	6,519,000	6,519,000	6,519,000
Miscellaneous	160,373	195,623	161,359	220,499	220,499	220,499
Total External Revenues	160,373	5,550,898	161,359	6,739,499	6,739,499	6,739,499
Fund Transfers - Revenue	45,492,592	50,070,357	50,692,942	54,752,228	54,752,228	54,752,228
Total Internal Revenues	45,492,592	50,070,357	50,692,942	54,752,228	54,752,228	54,752,228
Beginning Fund Balance	31,522,795	31,447,450	36,863,089	36,749,800	36,749,800	36,749,800
Total Resources	77,175,760	87,068,705	87,717,390	98,241,527	98,241,527	98,241,527
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	45,728,310	50,205,616	50,854,301	54,972,728	54,972,728	54,972,728
Debt Service Reserves	0	0	36,802,725	43,268,799	43,268,799	43,268,799
Total Fund Expenditures	45,728,310	50,205,616	87,657,026	98,241,527	98,241,527	98,241,527
Ending Fund Balance	31,447,450	36,863,089	60,364	0	0	0
Total Requirements	77,175,760	87,068,705	87,717,390	98,241,527	98,241,527	98,241,527

Fund Overview

The Water Bond Sinking Fund pays for principal and interest on revenue bonds issued to finance water system improvements. The bond reserve accounts are maintained in the Water Bond Sinking Fund.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

The primary resource in the FY 2016-17 budget is a transfer from the Water Fund of \$54.8 million to pay for debt service. A bond reserve account of \$6.5 million will be established with the bond sale planned for the fall of 2016.

Debt Service will increase in FY 2016-17 as a result of the bond sale.

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Water System Revenue Refunding Bonds, 2006 Series B						
09/21/06 - Due 10/1	44,000,000					
		2016/17	5,330,000	5.00%	1,336,407	6,666,407
		2017/18	5,600,000	5.00%	1,063,157	6,663,157
		2018/19	7,010,000	4.25%	774,194	7,784,194
		2019/20	7,315,000	4.38%	465,216	7,780,216
		2020/21	7,630,000	4.00%	152,600	7,782,600
		TOTAL	32,885,000		3,791,574	36,676,574
First Lien Water System Revenue Bonds, 2008 Series A						
08/07/08 - Due 11/1	79,680,000					
		2016/17	2,420,000	5.00%	2,974,144	5,394,144
		2017/18	2,545,000	5.00%	2,850,019	5,395,019
		2018/19	2,665,000	4.00%	2,733,094	5,398,094
		2019/20	2,770,000	4.00%	2,624,394	5,394,394
		2020/21	2,885,000	4.00%	2,511,294	5,396,294
		2021/22	3,005,000	4.13%	2,391,616	5,396,616
		2022/23	3,135,000	4.25%	2,263,019	5,398,019
		2023/24	3,280,000	4.75%	2,118,500	5,398,500
		2024/25	3,435,000	4.75%	1,959,019	5,394,019
		2025/26	3,605,000	4.75%	1,791,819	5,396,819
		2026/27	3,780,000	4.75%	1,616,425	5,396,425
		2027/28	3,965,000	4.75%	1,432,482	5,397,482
		2028/29	4,155,000	4.75%	1,239,632	5,394,632
		2029/30	4,360,000	4.75%	1,037,400	5,397,400
		2030/31	4,570,000	4.75%	825,313	5,395,313
		2031/32	4,795,000	4.75%	602,894	5,397,894
		2032/33	5,025,000	4.75%	369,669	5,394,669
		2033/34	5,270,000	4.75%	125,163	5,395,163
		TOTAL	65,665,000		31,465,896	97,130,896
First Lien Water System Revenue and Refunding Bonds, 2010 Series A						
02/11/10 - Due 5/1	73,440,000					
		2016/17	2,205,000	5.00%	2,620,625	4,825,625
		2017/18	2,315,000	5.00%	2,510,375	4,825,375
		2018/19	2,430,000	5.00%	2,394,625	4,824,625
		2019/20	2,550,000	4.00%	2,273,125	4,823,125
		2020/21	2,655,000	4.00%	2,171,125	4,826,125
		2021/22	2,760,000	4.00%	2,064,925	4,824,925
		2022/23	2,870,000	4.00%	1,954,525	4,824,525
		2023/24	2,985,000	4.00%	1,839,725	4,824,725
		2024/25	3,105,000	4.00%	1,720,325	4,825,325
		2025/26	3,230,000	4.00%	1,596,125	4,826,125

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2026/27	3,355,000	4.00%	1,466,925	4,821,925
		2027/28	3,490,000	4.00%	1,332,725	4,822,725
		2028/29	3,630,000	4.00%	1,193,125	4,823,125
		2029/30	3,775,000	4.00%	1,047,925	4,822,925
		2030/31	3,925,000	4.00%	896,925	4,821,925
		2031/32	4,085,000	4.25%	739,925	4,824,925
		2032/33	4,260,000	4.25%	566,313	4,826,313
		2033/34	4,440,000	4.25%	385,263	4,825,263
		2034/35	4,625,000	4.25%	196,563	4,821,563
		TOTAL	62,690,000		28,971,189	91,661,189

First Lien Water System Revenue Bonds, 2011 Series A**03/22/11 - Due 5/1**

82,835,000

		2016/17	2,340,000	5.00%	3,316,388	5,656,388
		2017/18	2,460,000	5.00%	3,199,388	5,659,388
		2018/19	2,580,000	5.00%	3,076,388	5,656,388
		2019/20	2,710,000	5.00%	2,947,388	5,657,388
		2020/21	2,845,000	4.00%	2,811,888	5,656,888
		2021/22	2,960,000	4.00%	2,698,088	5,658,088
		2022/23	3,075,000	4.00%	2,579,688	5,654,688
		2023/24	3,200,000	4.00%	2,456,688	5,656,688
		2024/25	3,330,000	4.00%	2,328,688	5,658,688
		2025/26	3,460,000	4.00%	2,195,488	5,655,488
		2026/27	3,600,000	4.00%	2,057,088	5,657,088
		2027/28	3,745,000	4.00%	1,913,088	5,658,088
		2028/29	3,895,000	4.25%	1,763,288	5,658,288
		2029/30	4,060,000	4.50%	1,597,750	5,657,750
		2030/31	4,240,000	4.50%	1,415,050	5,655,050
		2031/32	4,430,000	5.00%	1,224,250	5,654,250
		2032/33	4,655,000	5.00%	1,002,750	5,657,750
		2033/34	4,885,000	5.00%	770,000	5,655,000
		2034/35	5,130,000	5.00%	525,750	5,655,750
		2035/36	5,385,000	5.00%	269,250	5,654,250
		TOTAL	72,985,000		40,148,344	113,133,344

First Lien Water System Revenue Bonds, 2012 Series A**08/02/2012 - Due 4/1**

76,510,000

		2016/17	2,185,000	5.00%	2,293,038	4,478,038
		2017/18	2,295,000	4.00%	2,183,788	4,478,788
		2018/19	2,390,000	5.00%	2,091,988	4,481,988
		2019/20	2,510,000	5.00%	1,972,488	4,482,488
		2020/21	2,635,000	5.00%	1,846,988	4,481,988
		2021/22	2,765,000	3.00%	1,715,238	4,480,238

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2022/23	2,850,000	3.00%	1,632,288	4,482,288
		2023/24	2,935,000	3.00%	1,546,788	4,481,788
		2024/25	3,020,000	3.00%	1,458,738	4,478,738
		2025/26	3,110,000	3.00%	1,368,138	4,478,138
		2026/27	3,205,000	3.00%	1,274,838	4,479,838
		2027/28	3,300,000	3.00%	1,178,688	4,478,688
		2028/29	3,400,000	3.00%	1,079,688	4,479,688
		2029/30	3,505,000	3.00%	977,688	4,482,688
		2030/31	3,610,000	3.00%	872,538	4,482,538
		2031/32	3,715,000	3.00%	764,238	4,479,238
		2032/33	3,825,000	3.00%	652,788	4,477,788
		2033/34	3,940,000	3.25%	538,038	4,478,038
		2034/35	4,070,000	3.25%	409,988	4,479,988
		2035/36	4,205,000	3.25%	277,713	4,482,713
		2036/37	4,340,000	3.25%	141,050	4,481,050
		TOTAL	67,810,000		26,276,735	94,086,735

First Lien Water System Revenue Bonds, 2014 Series A

12/16/2014 - Due 5/1

84,975,000

2016/17	2,060,000	5.00%	3,291,525	5,351,525
2017/18	2,165,000	5.00%	3,188,525	5,353,525
2018/19	2,275,000	5.00%	3,080,275	5,355,275
2019/20	2,385,000	5.00%	2,966,525	5,351,525
2020/21	2,505,000	5.00%	2,847,275	5,352,275
2021/22	2,630,000	5.00%	2,722,025	5,352,025
2022/23	2,760,000	5.00%	2,590,525	5,350,525
2023/24	2,900,000	5.00%	2,452,525	5,352,525
2024/25	3,045,000	3.00%	2,307,525	5,352,525
2025/26	3,135,000	3.00%	2,216,175	5,351,175
2026/27	3,230,000	5.00%	2,122,125	5,352,125
2027/28	3,390,000	4.00%	1,960,625	5,350,625
2028/29	3,530,000	3.00%	1,825,025	5,355,025
2029/30	3,635,000	4.00%	1,719,125	5,354,125
2030/31	3,780,000	4.00%	1,573,725	5,353,725
2031/32	3,930,000	4.00%	1,422,525	5,352,525
2032/33	4,085,000	4.00%	1,265,325	5,350,325
2033/34	4,250,000	4.00%	1,101,925	5,351,925
2034/35	4,420,000	4.00%	931,925	5,351,925
2035/36	4,600,000	4.00%	755,125	5,355,125
2036/37	4,780,000	4.00%	571,125	5,351,125
2037/38	4,975,000	3.50%	379,925	5,354,925
2038/39	5,145,000	4.00%	205,800	5,350,800

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		TOTAL	79,610,000		43,497,200	217,193,935
Proposed First Lien Water System Revenue Bonds, 2016 Series A						
Date - TBD						
		2016/17	1,914,064		1,914,062	3,828,126
		TOTAL	1,914,064		1,914,062	221,022,061
TOTAL - First Lien Water System Revenue Bonds						
	441,440,000					
		2016/17	18,454,064		17,746,189	36,200,253
		2017/18	17,380,000		14,995,252	32,375,252
		2018/19	19,350,000		14,150,564	33,500,564
		2019/20	20,240,000		13,249,136	33,489,136
		2020/21	21,155,000		12,341,170	33,496,170
		2021/22	14,120,000		11,591,892	25,711,892
		2022/23	14,690,000		11,020,045	25,710,045
		2023/24	15,300,000		10,414,226	25,714,226
		2024/25	15,935,000		9,774,295	25,709,295
		2025/26	16,540,000		9,167,745	25,707,745
		2026/27	17,170,000		8,537,401	25,707,401
		2027/28	17,890,000		7,817,608	25,707,608
		2028/29	18,610,000		7,100,758	25,710,758
		2029/30	19,335,000		6,379,888	25,714,888
		2030/31	20,125,000		5,583,551	25,708,551
		2031/32	20,955,000		4,753,832	25,708,832
		2032/33	21,850,000		3,856,845	25,706,845
		2033/34	22,785,000		2,920,389	25,705,389
		2034/35	18,245,000		2,064,226	20,309,226
		2035/36	14,190,000		1,302,088	15,492,088
		2036/37	9,120,000		712,175	9,832,175
		2037/38	4,975,000		379,925	5,354,925
		2038/39	5,145,000		205,800	5,350,800
TOTAL FIRST LIEN WATER REVENUE BONDS			383,559,064		176,065,000	559,624,064
Second Lien Water System Revenue Bonds, 2013 Series A						
05/02/2013 - Due 10/1	253,635,000					
		2016/17	9,265,000	5.00%	9,507,475	18,772,475
		2017/18	9,715,000	4.38%	9,062,975	18,777,975
		2018/19	9,000,000	4.33%	8,655,100	17,655,100
		2019/20	9,410,000	4.36%	8,254,850	17,664,850
		2020/21	9,840,000	4.70%	7,818,600	17,658,600
		2021/22	11,450,000	4.74%	7,316,350	18,766,350
		2022/23	12,030,000	5.00%	6,744,350	18,774,350

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	12,635,000	4.76%	6,142,725	18,777,725
		2024/25	8,945,000	5.00%	5,618,225	14,563,225
		2025/26	9,405,000	5.00%	5,159,475	14,564,475
		2026/27	9,885,000	5.00%	4,677,225	14,562,225
		2027/28	10,395,000	5.00%	4,170,225	14,565,225
		2028/29	10,815,000	3.00%	3,748,125	14,563,125
		2029/30	11,200,000	4.00%	3,361,900	14,561,900
		2030/31	11,650,000	4.00%	2,904,900	14,554,900
		2031/32	12,145,000	4.17%	2,419,000	14,564,000
		2032/33	7,925,000	4.25%	1,997,600	9,922,600
		2033/34	8,275,000	4.37%	1,648,250	9,923,250
		2034/35	8,630,000	4.00%	1,294,800	9,924,800
		2035/36	8,980,000	4.00%	942,600	9,922,600
		2036/37	9,345,000	4.00%	576,100	9,921,100
		2037/38	9,730,000	4.00%	194,600	9,924,600
TOTAL SECOND LIEN WATER REVENUE BONDS			220,670,000		102,215,450	322,885,450
COMBINED DEBT SERVICE						
	695,075,000					
		2016/17	27,719,064		27,253,664	54,972,728
		2017/18	27,095,000		24,058,227	51,153,227
		2018/19	28,350,000		22,805,664	51,155,664
		2019/20	29,650,000		21,503,986	51,153,986
		2020/21	30,995,000		20,159,770	51,154,770
		2021/22	25,570,000		18,908,242	44,478,242
		2022/23	26,720,000		17,764,395	44,484,395
		2023/24	27,935,000		16,556,951	44,491,951
		2024/25	24,880,000		15,392,520	40,272,520
		2025/26	25,945,000		14,327,220	40,272,220
		2026/27	27,055,000		13,214,626	40,269,626
		2027/28	28,285,000		11,987,833	40,272,833
		2028/29	29,425,000		10,848,883	40,273,883
		2029/30	30,535,000		9,741,788	40,276,788
		2030/31	31,775,000		8,488,451	40,263,451
		2031/32	33,100,000		7,172,832	40,272,832
		2032/33	29,775,000		5,854,445	35,629,445
		2033/34	31,060,000		4,568,639	35,628,639
		2034/35	26,875,000		3,359,026	30,234,026
		2035/36	23,170,000		2,244,688	25,414,688
		2036/37	18,465,000		1,288,275	19,753,275
		2037/38	14,705,000		574,525	15,279,525

Debt Summary**Water Bond Sinking Fund**

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2038/39	5,145,000		205,800	5,350,800
TOTAL FUND DEBT SERVICE			604,229,064		278,280,450	882,509,514

Water Construction Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	3,194,514	4,665,242	2,500,000	3,000,000	3,000,000	3,000,000
Bond & Note	0	87,262,625	0	85,356,000	85,356,000	85,356,000
Miscellaneous	586,165	491,780	184,103	547,422	547,422	547,422
Total External Revenues	3,780,679	92,419,647	2,684,103	88,903,422	88,903,422	88,903,422
Fund Transfers - Revenue	43,819,099	35,137,247	42,321,080	27,640,449	27,640,449	27,640,449
Total Internal Revenues	43,819,099	35,137,247	42,321,080	27,640,449	27,640,449	27,640,449
Beginning Fund Balance	148,082,129	59,047,848	88,351,143	73,469,005	73,469,005	73,469,005
Total Resources	195,681,907	186,604,742	133,356,326	190,012,876	190,012,876	190,012,876
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	31,131,222	14,437,791	14,437,791	14,437,791
Fund Transfers - Expense	136,634,059	98,253,599	81,123,641	96,251,935	96,251,935	96,251,935
Total Fund Expenditures	136,634,059	98,253,599	112,254,863	110,689,726	110,689,726	110,689,726
Ending Fund Balance	59,047,848	88,351,143	21,101,463	79,323,150	79,323,150	79,323,150
Total Requirements	195,681,907	186,604,742	133,356,326	190,012,876	190,012,876	190,012,876

Fund Overview

The Water Construction Fund is the capital fund of the Portland Water Bureau. This fund pays for equipment and capital expenditures for the water system, including ongoing capital repair and replacement, enhancements, and large and nonrecurring additions to the system.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

Revenue bond sales are planned for the fall of 2016 and will provide funding of \$85.3 million to fund capital projects. The Water Fund will transfer \$27.6 million to the Water Construction Fund to fund capital projects, a decrease of \$14.7 million from the FY 2015-16 Revised Budget.

The Water Construction Fund will transfer \$96.3 million to reimburse the Water Fund for direct and indirect capital costs, an increase of \$15.1 million from the FY 2015-16 Revised Budget.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	138,123,720	152,177,916	159,165,183	162,665,337	162,665,337	162,665,337
Intergovernmental	741,286	631,446	526,000	555,000	555,000	555,000
Miscellaneous	1,615,517	1,628,648	1,260,983	1,324,449	1,324,449	1,324,449
Total External Revenues	140,480,523	154,438,010	160,952,166	164,544,786	164,544,786	164,544,786
Fund Transfers - Revenue	136,495,178	97,998,697	81,158,641	97,094,935	97,094,935	97,094,935
Interagency Revenue	3,449,785	2,976,787	3,044,820	3,478,820	3,468,820	3,468,820
Total Internal Revenues	139,944,963	100,975,484	84,203,461	100,573,755	100,563,755	100,563,755
Beginning Fund Balance	73,534,527	69,566,152	74,897,562	77,244,561	77,244,561	77,244,561
Total Resources	353,960,013	324,979,646	320,053,189	342,363,102	342,353,102	342,353,102
Requirements						
Personnel Services	57,146,033	58,377,638	63,845,498	66,347,087	66,347,087	66,347,087
External Materials and Services	22,868,328	26,055,023	31,395,763	29,993,942	29,983,942	29,956,764
Internal Materials and Services	18,603,258	19,258,529	20,980,448	20,477,414	20,477,414	20,624,592
Capital Outlay	89,135,511	53,421,017	28,828,000	55,882,000	55,882,000	55,882,000
Total Bureau Expenditures	187,753,130	157,112,207	145,049,709	172,700,443	172,690,443	172,810,443
Debt Service	2,460,073	2,939,511	3,083,802	3,913,342	3,913,342	3,913,342
Contingency	0	0	73,185,793	77,051,499	77,041,374	77,027,641
Fund Transfers - Expense	94,180,658	90,030,366	98,733,885	88,697,818	88,707,943	88,601,676
Total Fund Expenditures	96,640,731	92,969,877	175,003,480	169,662,659	169,662,659	169,542,659
Ending Fund Balance	69,566,152	74,897,562	0	0	0	0
Total Requirements	353,960,013	324,979,646	320,053,189	342,363,102	342,353,102	342,353,102

Fund Overview

The Water Fund is the operating fund of the Portland Water Bureau. With the exception of debt service, all expenditures in this fund are for operation, maintenance, and capital assets. Receipts from the sale of water are the primary revenue source for the Water Fund.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

The FY 2016-17 Adopted Budget includes an increase in Water Fund resources of approximately \$22.3 million from the FY 2015-16 Revised Budget. The changes in resources include increases in water sales revenue due to increases in water rates, and other water fees and charges of \$3.5 million. Cash transfers from the Construction Fund increased by \$15.9 million from the prior year, primarily due to increases in capital expenditures planned in FY 2016-17. The beginning fund balance increased by \$2.3 million driven by higher than planned revenues and lower than planned expenditures.

Total bureau expenditures are higher in the FY 2016-17 Adopted Budget than FY 2015-16 Revised Budget due to increased capital expenditures, offset partially by decreased transfers. Fund transfers decreased \$10.1 million, which includes \$14.7 million less transferred to the Construction Fund primarily for cash financed capital, and \$0.2 million less in interagency transfers. These decreases are offset by \$4.1 million more transferred to the Sinking Fund and \$0.7 million more in General Fund overhead expenses. Debt service costs increased by \$0.9 million, which includes \$0.6 million for debt issuance costs in fall 2016, and \$0.3 million for increased pension obligation bond costs.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	39,835	104,318	22,332	93,552	93,552	93,552
Miscellaneous	107	245	0	0	0	0
Total External Revenues	39,942	104,563	22,332	93,552	93,552	93,552
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	442	0	1,000	1,000	1,000
Total Resources	39,942	105,005	22,332	94,552	94,552	94,552
Requirements						
External Materials and Services	39,500	104,250	22,332	94,552	94,552	94,552
Total Bureau Expenditures	39,500	104,250	22,332	94,552	94,552	94,552
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	442	755	0	0	0	0
Total Requirements	39,942	105,005	22,332	94,552	94,552	94,552

Fund Overview

The 42nd Avenue Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth and the true-up of revenue sharing in FY 2015-16.

82nd Ave/Division NPI Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	0	56,266	44,360	80,247	80,247	80,247
Miscellaneous	0	146	0	0	0	0
Total External Revenues	0	56,412	44,360	80,247	80,247	80,247
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	0	0	1,000	1,000	1,000
Total Resources	0	56,412	44,360	81,247	81,247	81,247
Requirements						
External Materials and Services	0	56,266	44,360	81,247	81,247	81,247
Total Bureau Expenditures	0	56,266	44,360	81,247	81,247	81,247
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	0	146	0	0	0	0
Total Requirements	0	56,412	44,360	81,247	81,247	81,247

Fund Overview

The 82nd Ave & Division Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	5,555,281	5,915,736	5,608,040	4,167,390	4,167,390	4,167,390
Miscellaneous	19,822	23,788	19,822	22,000	22,000	22,000
Total External Revenues	5,575,103	5,939,524	5,627,862	4,189,390	4,189,390	4,189,390
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,486,145	1,472,498	1,496,913	2,484,414	2,484,414	2,484,414
Total Resources	7,061,248	7,412,022	7,124,775	6,673,804	6,673,804	6,673,804
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	5,588,750	5,588,250	5,587,750	5,177,371	5,177,371	5,177,371
Debt Service Reserves	0	0	1,537,025	1,496,433	1,496,433	1,496,433
Total Fund Expenditures	5,588,750	5,588,250	7,124,775	6,673,804	6,673,804	6,673,804
Ending Fund Balance	1,472,498	1,823,772	0	0	0	0
Total Requirements	7,061,248	7,412,022	7,124,775	6,673,804	6,673,804	6,673,804

Fund Overview

The Airport Way Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Airport Way Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district.

The final long-term bonds were issued for this urban renewal area in September of 2005. The final scheduled payment on all bonds issued for this district is scheduled for June of 2020.

Council Passed Ordinance 187073 on April 1, 2015, which amended the Airport Way Urban Renewal Plan to reduce the size and assessed value of the district. The Plan amendment has no impact on tax increment revenues for the district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Airport Way Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Refunding Bond, 2015 Series A						
7/9/2015 - Due 6/15	24,897,200					
		2016/17	4,900,800	1.38%	276,571	5,177,371
		2017/18	4,974,400	1.38%	208,940	5,183,340
		2018/19	5,047,300	1.38%	140,294	5,187,594
		2019/20	5,118,900	1.38%	70,641	5,189,541
TOTAL FUND DEBT SERVICE			20,041,400		696,446	20,737,846

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	7,062,234	10,490,137	11,194,000	10,494,000	10,494,000	10,494,000
Miscellaneous	28,255	35,421	45,000	35,000	35,000	35,000
Total External Revenues	7,090,489	10,525,558	11,239,000	10,529,000	10,529,000	10,529,000
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	7,259,407	6,468,452	7,618,491	6,563,990	6,563,990	6,563,990
Total Resources	14,349,896	16,994,010	18,857,491	17,092,990	17,092,990	17,092,990
Requirements						
External Materials and Services	7,135,082	8,524,733	10,130,000	10,100,000	10,100,000	10,100,000
Internal Materials and Services	746,362	836,794	884,260	907,512	907,512	907,512
Total Bureau Expenditures	7,881,444	9,361,527	11,014,260	11,007,512	11,007,512	11,007,512
Contingency	0	0	7,818,231	6,060,478	6,060,478	6,060,478
Fund Transfers - Expense	0	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	0	25,000	7,843,231	6,085,478	6,085,478	6,085,478
Ending Fund Balance	6,468,452	7,607,483	0	0	0	0
Total Requirements	14,349,896	16,994,010	18,857,491	17,092,990	17,092,990	17,092,990

Fund Overview

The Arts Education & Access Fund receives revenues from a tax of \$35 imposed on each income-earning resident of the City of Portland who is at least 18 years old. Households under the Federal Poverty Level are exempt. Net revenues are distributed from this fund to six school districts located in the city (Portland Public, David Douglas, Centennial, Parkrose, Reynolds, and Riverdale) and the Regional Arts and Culture Council, in accordance with the respective intergovernmental agreements or contracts.

Funds distributed to the school districts are used to hire certified arts or music education teachers for kindergarten through 5th grade (K-5). Distribution is based on a ratio of one teacher for every 500 K-5 students or a pro rata basis for less than 500 students attending a school. Any funds remaining after distribution to the School Districts are distributed to the Regional Arts and Culture Council (RACC). Up to 95% of the funds distributed to RACC shall be for grants to support non-profit Portland arts organizations. A minimum of 5% of the funds distributed to RACC shall be for grants to schools and nonprofit organizations that will give access to high-quality arts experiences to K-12 grade students, with particular emphasis on programs directed to underserved communities.

The Bureau of Revenue & Financial Services, Revenue Division manages the Arts Education & Access Fund, administers the collection of the Arts Tax, and charges the fund an administrative fee for services.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Assessment Collection Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	1,315	537	850	950	950	950
Total External Revenues	1,315	537	850	950	950	950
Fund Transfers - Revenue	28	14	0	0	0	0
Total Internal Revenues	28	14	0	0	0	0
Beginning Fund Balance	79,247	79,059	78,128	78,589	78,589	78,589
Total Resources	80,590	79,610	78,978	79,539	79,539	79,539
Requirements						
Internal Materials and Services	1,531	1,536	0	0	0	0
Total Bureau Expenditures	1,531	1,536	0	0	0	0
Contingency	0	0	78,968	79,539	79,539	79,539
Fund Transfers - Expense	0	0	10	0	0	0
Total Fund Expenditures	0	0	78,978	79,539	79,539	79,539
Ending Fund Balance	79,059	78,074	0	0	0	0
Total Requirements	80,590	79,610	78,978	79,539	79,539	79,539

Fund Overview

The Assessment Collection Fund is largely inactive, with a minimal number of accounting transactions posted to the fund. The City Charter allows for replenishment of this fund by selling up to \$1.5 million in bonds. Those resources would be used to pay off delinquent accounts in other funds. Collection activity on the delinquent liens, up to and including foreclosure, would then be handled by the fund.

Managing Agency Office of the City Auditor

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	3,687	0	0	0	0	0
Miscellaneous	8,357,718	9,393,197	6,873,733	6,792,668	6,792,668	6,792,668
Total External Revenues	8,361,405	9,393,197	6,873,733	6,792,668	6,792,668	6,792,668
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	15,189,064	11,883,223	13,893,468	13,952,574	13,952,574	13,952,574
Total Resources	23,550,469	21,276,420	20,767,201	20,745,242	20,745,242	20,745,242
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	11,667,246	7,382,952	6,867,463	5,413,288	5,413,288	5,413,288
Fund Transfers - Expense	0	0	0	1,700,000	1,700,000	1,700,000
Debt Service Reserves	0	0	13,899,738	13,631,954	13,631,954	13,631,954
Total Fund Expenditures	11,667,246	7,382,952	20,767,201	20,745,242	20,745,242	20,745,242
Ending Fund Balance	11,883,223	13,893,468	0	0	0	0
Total Requirements	23,550,469	21,276,420	20,767,201	20,745,242	20,745,242	20,745,242

Fund Overview

The Bancroft Bond Interest and Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public infrastructure improvements requested by property owners. This fund accounts for resources and the allocation thereof, to pay principal and interest on outstanding debt related to financing these improvements.

Managing Agency Office of the City Auditor

Bancroft Bond Interest and Sinking Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Improvement Bond, 2007 Series A						
06/28/2007 - Due 6/1	41,745,000					
		2016/17			980,000	980,000
		2017/18			980,000	980,000
		2018/19			980,000	980,000
		2019/20			980,000	980,000
		2020/21			980,000	980,000
		2021/22			980,000	980,000
		2022/23			980,000	980,000
		2023/24			980,000	980,000
		2024/25			980,000	980,000
		2025/26			980,000	980,000
		2026/27	19,600,000	5.00%	980,000	20,580,000
		TOTAL	19,600,000		10,780,000	30,380,000
Limited Tax Improvement Bond, 2010 Series A						
04/29/2010 - Due 6/1	22,305,000					
		2016/17			442,388	442,388
		2017/18			442,388	442,388
		2018/19			442,388	442,388
		2019/20	1,065,000	3.00%	442,388	1,507,388
		2020/21			410,438	410,438
		2021/22			410,438	410,438
		2022/23			410,438	410,438
		2023/24			410,438	410,438
		2024/25			410,438	410,438
		2025/26			410,438	410,438
		2026/27			410,438	410,438
		2027/28			410,438	410,438
		2028/29			410,438	410,438
		2029/30	9,950,000	4.13%	410,438	10,360,438
		TOTAL	11,015,000		5,873,925	16,888,925
Limited Tax Improvement Bond, 2011 Series A						
12/13/2011 - Due 6/1	3,400,000					
		2016/17			64,800	64,800
		2017/18			64,800	64,800
		2018/19			64,800	64,800
		2019/20			64,800	64,800
		2020/21			64,800	64,800
		2021/22	500,000	4.00%	64,800	564,800
		2022/23			44,800	44,800
		2023/24			44,800	44,800

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2024/25			44,800	44,800
		2025/26			44,800	44,800
		2026/27			44,800	44,800
		2027/28			44,800	44,800
		2028/29			44,800	44,800
		2029/30			44,800	44,800
		2030/31			44,800	44,800
		2031/32	1,120,000	4.00%	44,800	1,164,800
		TOTAL	1,620,000		836,800	2,456,800
Limited Tax Improvement Bond, 2014 Series A						
6/27/2014 - Due 6/1	7,815,000					
		2016/17	450,000	3.00%	178,300	628,300
		2017/18	445,000	4.00%	164,800	609,800
		2018/19	430,000	4.00%	147,000	577,000
		2019/20			129,800	129,800
		2020/21			129,800	129,800
		2021/22			129,800	129,800
		2022/23			129,800	129,800
		2023/24	245,000	4.00%	129,800	374,800
		2024/25			120,000	120,000
		2025/26			120,000	120,000
		2026/27			120,000	120,000
		2027/28			120,000	120,000
		2028/29			120,000	120,000
		2029/30			120,000	120,000
		2030/31			120,000	120,000
		2031/32			120,000	120,000
		2032/33			120,000	120,000
		2033/34	3,000,000	4.00%	120,000	3,120,000
		TOTAL	4,570,000		2,339,100	6,909,100
Proposed Calls						
		2016/17	3,275,000		22,800	3,297,800
		TOTAL	3,275,000			3,297,800
COMBINED DEBT SERVICE						
	75,265,000					
		2016/17	3,725,000		1,688,288	5,413,288
		2017/18	445,000		1,651,988	2,096,988
		2018/19	430,000		1,634,188	2,064,188
		2019/20	1,065,000		1,616,988	2,681,988
		2020/21			1,585,038	1,585,038
		2021/22	500,000		1,585,038	2,085,038

Bancroft Bond Interest and Sinking Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2022/23			1,565,038	1,565,038
		2023/24	245,000		1,565,038	1,810,038
		2024/25			1,555,238	1,555,238
		2025/26			1,555,238	1,555,238
		2026/27	19,600,000		1,555,238	21,155,238
		2027/28			575,238	575,238
		2028/29			575,238	575,238
		2029/30	9,950,000		575,238	10,525,238
		2030/31			164,800	164,800
		2031/32	1,120,000		164,800	1,284,800
		2032/33			120,000	120,000
		2033/34	3,000,000		120,000	3,120,000
TOTAL FUND DEBT SERVICE			40,080,000		19,852,625	59,932,625

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	5,959,742	6,348,252	6,516,889	7,100,557	7,100,557	7,100,557
Bond & Note	6,186,639	0	0	0	0	0
Miscellaneous	21,730	30,702	24,455	19,794	19,794	19,794
Total External Revenues	12,168,111	6,378,954	6,541,344	7,120,351	7,120,351	7,120,351
Fund Transfers - Revenue	4,239	0	0	0	0	0
Total Internal Revenues	4,239	0	0	0	0	0
Beginning Fund Balance	2,588,148	3,133,384	4,076,932	2,413,718	2,413,718	2,413,718
Total Resources	14,760,498	9,512,338	10,618,276	9,534,069	9,534,069	9,534,069
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	11,627,114	5,435,406	8,212,413	7,128,206	7,128,206	7,128,206
Debt Service Reserves	0	0	2,405,863	2,405,863	2,405,863	2,405,863
Total Fund Expenditures	11,627,114	5,435,406	10,618,276	9,534,069	9,534,069	9,534,069
Ending Fund Balance	3,133,384	4,076,932	0	0	0	0
Total Requirements	14,760,498	9,512,338	10,618,276	9,534,069	9,534,069	9,534,069

Fund Overview

The Central Eastside Industrial District Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Central Eastside Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

On April 1, 2015, Council Passed Ordinance 187070 to amend the Central Eastside Urban Renewal Plan, which expanded the size and assessed value of the district, extended the last date to issue debt, and increased maximum indebtedness. Because of the increase to maximum indebtedness, ORS 457 required the Central Eastside urban renewal area to begin to share revenues with overlapping taxing jurisdictions beginning in FY 2015-16. Additional tax increment revenues will be generated from the expansion area beginning in FY 2016-17.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Central Eastside Ind. District Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Central Eastside Urban Renewal and Redevelopment Bonds, 2011 Series A (Federally Taxable)						
03/31/2011 - Due 6/15	10,205,000					
		2016/17	1,145,000	5.09%	305,758	1,450,758
		2017/18	1,205,000	5.54%	247,535	1,452,535
		2018/19	1,270,000	5.75%	180,838	1,450,838
		2019/20	1,345,000	6.05%	107,864	1,452,864
		2020/21	425,000	6.25%	26,546	451,546
		TOTAL	5,390,000		868,542	6,258,542
Central Eastside Urban Renewal and Redevelopment Bonds, 2011 Series B						
03/31/2011 - Due 6/15	19,485,000					
		2016/17	0		952,125	952,125
		2017/18	0		952,125	952,125
		2018/19	0		952,125	952,125
		2019/20	0		952,125	952,125
		2020/21	1,000,000	4.00%	952,125	1,952,125
		2021/22	1,490,000	4.25%	912,125	2,402,125
		2022/23	1,555,000	4.38%	848,800	2,403,800
		2023/24	1,625,000	4.63%	780,769	2,405,769
		2024/25	1,700,000	4.75%	705,613	2,405,613
		2025/26	1,780,000	5.00%	624,863	2,404,863
		2026/27	1,870,000	5.00%	535,863	2,405,863
		2027/28	1,960,000	5.00%	442,363	2,402,363
		2028/29	2,060,000	5.25%	344,363	2,404,363
		2029/30	2,165,000	5.25%	236,213	2,401,213
		2030/31	2,280,000	5.38%	122,550	2,402,550
		TOTAL	19,485,000		10,314,144	29,799,144
Estimated - Du Jour and Line of Credit						
	4,539,341					
		2016/17	4,539,341	variable	185,982	4,725,323
		TOTAL	4,539,341		185,982	4,725,323
COMBINED DEBT SERVICE						
	34,229,341					
		2016/17	5,684,341		1,443,865	7,128,206
		2017/18	1,205,000		1,199,660	2,404,660
		2018/19	1,270,000		1,132,963	2,402,963
		2019/20	1,345,000		1,059,989	2,404,989
		2020/21	1,425,000		978,671	2,403,671
		2021/22	1,490,000		912,125	2,402,125
		2022/23	1,555,000		848,800	2,403,800
		2023/24	1,625,000		780,769	2,405,769
		2024/25	1,700,000		705,613	2,405,613

Debt Summary**Central Eastside Ind. District Debt Service Fund**

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2025/26	1,780,000		624,863	2,404,863
		2026/27	1,870,000		535,863	2,405,863
		2027/28	1,960,000		442,363	2,402,363
		2028/29	2,060,000		344,363	2,404,363
		2029/30	2,165,000		236,213	2,401,213
		2030/31	2,280,000		122,550	2,402,550
TOTAL FUND DEBT SERVICE			29,414,341		11,368,667	40,783,008

Children's Investment Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	9,552,473	12,525,091	13,997,967	17,230,629	17,230,629	17,230,629
Miscellaneous	20,183	36,160	0	0	0	0
Total External Revenues	9,572,656	12,561,251	13,997,967	17,230,629	17,230,629	17,230,629
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,534,903	2,274,275	3,157,368	3,850,000	3,850,000	3,850,000
Total Resources	11,107,559	14,835,526	17,155,335	21,080,629	21,080,629	21,080,629
Requirements						
Personnel Services	458,577	507,785	560,062	580,562	580,562	580,562
External Materials and Services	8,317,508	10,299,868	16,026,605	18,092,890	18,092,890	18,092,890
Internal Materials and Services	32,199	31,919	43,938	49,474	49,474	49,474
Total Bureau Expenditures	8,808,284	10,839,572	16,630,605	18,722,926	18,722,926	18,722,926
Contingency	0	0	499,730	2,332,703	2,332,703	2,332,703
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	25,000	25,000	524,730	2,357,703	2,357,703	2,357,703
Ending Fund Balance	2,274,275	3,970,954	0	0	0	0
Total Requirements	11,107,559	14,835,526	17,155,335	21,080,629	21,080,629	21,080,629

Fund Overview

The Children's Investment Fund was established in FY 2002-03 to account for the revenues and expenditures related to the Portland Children's Levy. This levy was renewed by Portland voters in May 2013. The current levy authorizes the ongoing revenue generation and operation of the Portland Children's Investment Fund through June 30, 2019.

Decisions on expenditures within the Children's Levy are made by a five-person committee and approved by City Council. All allocations must be made in conformance with the levy language as approved by voters.

Managing Agency Commissioner of Public Affairs

Significant Changes from Prior Year

Revenues from the Portland Children's Levy are projected to increase significantly in FY 2016-17 due to continued rising property tax revenues, growing by an estimated \$3.23 million or 23.1% from the FY 2015-16 Revised Budget.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	10,826	13,403	15,000	0	0	0
Intergovernmental	6,180,095	9,375,346	9,375,156	12,408,814	10,340,779	10,340,779
Bond & Note	0	3,515,000	0	0	0	0
Miscellaneous	2,108,283	1,381,538	1,596,000	910,000	1,150,000	1,150,000
Total External Revenues	8,299,204	14,285,287	10,986,156	13,318,814	11,490,779	11,490,779
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	42,550	102,626	0	0	0	150,000
Total Resources	8,341,754	14,387,913	10,986,156	13,318,814	11,490,779	11,640,779
Requirements						
Personnel Services	1,237,827	1,316,660	1,240,218	1,375,959	1,406,567	1,406,567
External Materials and Services	5,970,989	12,141,100	8,707,095	10,878,922	9,014,597	9,014,597
Internal Materials and Services	396,259	410,162	358,843	336,933	342,615	342,615
Total Bureau Expenditures	7,605,075	13,867,922	10,306,156	12,591,814	10,763,779	10,763,779
Debt Service	634,053	519,753	680,000	727,000	727,000	877,000
Total Fund Expenditures	634,053	519,753	680,000	727,000	727,000	877,000
Ending Fund Balance	102,626	238	0	0	0	0
Total Requirements	8,341,754	14,387,913	10,986,156	13,318,814	11,490,779	11,640,779

Fund Overview

Revenues

The Community Development Block Grant (CDBG) Fund accounts for the City's CDBG entitlement from the United States Department of Housing and Urban Development, loan repayments, lien payments, revenue generated from CDBG-funded activities, carryover funds from prior years, private leveraged resources, and interest and repayments for float activities.

Structure

The CDBG Fund is an annual entitlement grant fund that is reimbursed by the federal government for actual expenditures less any program income received. The fund will not have an ending balance because requests for reimbursement cannot exceed expenditures less program income. Effective with the affordable housing transition from the Portland Development Commission to the Portland Housing Bureau, the bureau began processing CDBG loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting loan repayment program income.

Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the fall supplemental budget process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

Overall appropriations are relatively flat in FY 2016-17 as compared to the prior year. Appropriations also reflect multiple year affordable housing development projects that began in a prior fiscal and will continue development or construction in FY 2016-17.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	0	5,000	0	0	0	0
Miscellaneous	18,423	16,493	12,040	12,600	12,600	12,600
Total External Revenues	18,423	21,493	12,040	12,600	12,600	12,600
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	17,718	15,000	0	0	0
Total Resources	18,423	39,211	27,040	12,600	12,600	12,600
Requirements						
Personnel Services	0	5,001	0	0	0	0
External Materials and Services	705	62	27,012	12,485	12,484	12,484
Total Bureau Expenditures	705	5,063	27,012	12,485	12,484	12,484
Fund Transfers - Expense	0	0	28	115	116	116
Total Fund Expenditures	0	0	28	115	116	116
Ending Fund Balance	17,718	34,148	0	0	0	0
Total Requirements	18,423	39,211	27,040	12,600	12,600	12,600

Fund Overview

The Community Solar Fund accounts for expenses and revenues associated with the installation of solar electric systems on community buildings.

The fund receives revenue from two sources:

- ◆ The electric utility companies, in the form of a fifteen-year stream of incentive payments based on the energy produced from each solar energy system
- ◆ Community (crowd-funded) donations

The accrued revenue is used to install new, small-scale solar electric systems on community buildings.

Managing Agency Bureau of Planning & Sustainability

Convention and Tourism Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	12,745,071	14,797,669	18,123,500	19,269,000	19,269,000	19,269,000
Miscellaneous	6,933	16,800	37,000	20,000	20,000	20,000
Total External Revenues	12,752,004	14,814,469	18,160,500	19,289,000	19,289,000	19,289,000
Fund Transfers - Revenue	0	108	0	0	0	0
Total Internal Revenues	0	108	0	0	0	0
Beginning Fund Balance	183,342	148,292	116,924	61,206	61,206	61,206
Total Resources	12,935,346	14,962,869	18,277,424	19,350,206	19,350,206	19,350,206
Requirements						
External Materials and Services	12,489,198	14,579,699	17,949,427	19,002,940	19,002,940	19,002,940
Internal Materials and Services	241,736	236,396	302,997	322,266	322,266	322,266
Total Bureau Expenditures	12,730,934	14,816,095	18,252,424	19,325,206	19,325,206	19,325,206
Fund Transfers - Expense	56,120	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	56,120	25,000	25,000	25,000	25,000	25,000
Ending Fund Balance	148,292	121,774	0	0	0	0
Total Requirements	12,935,346	14,962,869	18,277,424	19,350,206	19,350,206	19,350,206

Fund Overview

The Convention and Tourism Fund receives revenues from a 1% transient lodging tax assessed on guests at short-term (transient) lodging locations including hotels, motels, bed and breakfast establishments, and private homes within the City. Expenditures from this fund are authorized for the promotion and procurement of convention business and tourism as established by City Charter. The City currently contracts with Travel Portland for these services.

In 2012, Council created a Portland Tourism Improvement District. The Tourism Improvement District (TID) was established to enhance the promotion of Portland as a preferred destination for meetings, conventions, and leisure travel. The 2% district assessment keeps Portland's lodging industry competitive with other cities.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	8,843,524	8,528,124	9,369,840	13,674,440	13,674,440	13,674,440
Miscellaneous	37,763	49,671	58,351	78,013	78,013	78,013
Total External Revenues	8,881,287	8,577,795	9,428,191	13,752,453	13,752,453	13,752,453
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	3,914,929	5,374,999	11,074,023	8,089,711	8,089,711	8,089,711
Total Resources	12,796,216	13,952,794	20,502,214	21,842,164	21,842,164	21,842,164
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	7,421,217	7,815,817	7,814,418	7,812,668	7,812,668	7,812,668
Debt Service Reserves	0	0	1,246,788	1,246,788	1,246,788	1,246,788
Total Fund Expenditures	7,421,217	7,815,817	9,061,206	9,059,456	9,059,456	9,059,456
Ending Fund Balance	5,374,999	6,136,977	11,441,008	12,782,708	12,782,708	12,782,708
Total Requirements	12,796,216	13,952,794	20,502,214	21,842,164	21,842,164	21,842,164

Fund Overview

The Convention Center Area Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Convention Center Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

The final long-term bonds were issued for this urban renewal area in May 2012. The final payment on all bonds issued for this district is scheduled for June 2025.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Convention Center Area Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2011 Series B						
07/06/2011 - Due 6/15	29,685,000					
		2016/17	4,130,000	5.00%	889,750	5,019,750
		2017/18	4,335,000	5.00%	683,250	5,018,250
		2018/19	4,550,000	5.00%	466,500	5,016,500
		2019/20	4,780,000	5.00%	239,000	5,019,000
		TOTAL	17,795,000		2,278,500	20,073,500
Urban Renewal & Redevelopment Bonds, 2012 Series A (Federally Taxable)						
05/17/2012 - Due 6/15	69,760,000					
		2016/17	0		2,792,918	2,792,918
		2017/18	0		2,792,918	2,792,918
		2018/19	0		2,792,918	2,792,918
		2019/20	500,000	3.62%	2,792,918	3,292,918
		2020/21	14,075,000	3.72%	2,774,803	16,849,803
		2021/22	14,600,000	3.87%	2,250,791	16,850,791
		2022/23	15,165,000	4.02%	1,685,333	16,850,333
		2023/24	15,775,000	4.17%	1,075,245	16,850,245
		2024/25	9,645,000	4.32%	416,954	10,061,954
		TOTAL	69,760,000		19,374,798	89,134,798
COMBINED DEBT SERVICE						
	99,445,000					
		2016/17	4,130,000		3,682,668	7,812,668
		2017/18	4,335,000		3,476,168	7,811,168
		2018/19	4,550,000		3,259,418	7,809,418
		2019/20	5,280,000		3,031,918	8,311,918
		2020/21	14,075,000		2,774,803	16,849,803
		2021/22	14,600,000		2,250,791	16,850,791
		2022/23	15,165,000		1,685,333	16,850,333
		2023/24	15,775,000		1,075,245	16,850,245
		2024/25	9,645,000		416,954	10,061,954
TOTAL FUND DEBT SERVICE			87,555,000		21,653,298	109,208,298

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	66,311	128,060	35,297	93,832	93,832	93,832
Miscellaneous	179	297	0	0	0	0
Total External Revenues	66,490	128,357	35,297	93,832	93,832	93,832
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	990	0	1,000	1,000	1,000
Total Resources	66,490	129,347	35,297	94,832	94,832	94,832
Requirements						
External Materials and Services	65,500	128,137	35,297	94,832	94,832	94,832
Total Bureau Expenditures	65,500	128,137	35,297	94,832	94,832	94,832
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	990	1,210	0	0	0	0
Total Requirements	66,490	129,347	35,297	94,832	94,832	94,832

Fund Overview

The Cully Boulevard Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth.

Development Services Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	31,412,317	36,467,799	34,827,525	37,282,949	37,282,949	37,282,949
Charges for Services	12,443,832	15,229,118	13,633,486	15,909,098	15,909,098	15,909,098
Miscellaneous	2,180,296	3,037,615	2,442,221	3,459,447	3,459,447	3,459,447
Total External Revenues	46,036,445	54,734,532	50,903,232	56,651,494	56,651,494	56,651,494
Fund Transfers - Revenue	2,159,003	2,416,835	2,238,557	2,117,744	2,117,744	2,117,744
Interagency Revenue	921,290	931,983	1,102,676	1,116,021	1,116,021	1,116,021
Total Internal Revenues	3,080,293	3,348,818	3,341,233	3,233,765	3,233,765	3,233,765
Beginning Fund Balance	24,027,163	35,220,896	45,634,924	62,159,090	62,159,090	62,159,090
Total Resources	73,143,901	93,304,246	99,879,389	122,044,349	122,044,349	122,044,349
Requirements						
Personnel Services	23,296,012	27,503,553	36,228,799	37,629,914	37,926,440	39,220,130
External Materials and Services	2,435,069	2,263,444	2,831,908	2,887,657	2,887,657	2,887,657
Internal Materials and Services	7,698,677	8,890,749	9,994,492	9,989,255	9,989,255	10,030,231
Capital Outlay	2,623,267	1,215,763	2,690,225	1,611,117	1,611,117	1,611,117
Total Bureau Expenditures	36,053,025	39,873,509	51,745,424	52,117,943	52,414,469	53,749,135
Debt Service	865,348	945,017	1,084,750	1,165,052	1,165,052	1,165,052
Contingency	0	0	14,757,390	27,033,733	26,734,390	25,395,905
Fund Transfers - Expense	1,004,632	1,256,774	1,193,727	1,727,621	1,730,438	1,734,257
Total Fund Expenditures	1,869,980	2,201,791	17,035,867	29,926,406	29,629,880	28,295,214
Ending Fund Balance	35,220,896	51,228,946	31,098,098	40,000,000	40,000,000	40,000,000
Total Requirements	73,143,901	93,304,246	99,879,389	122,044,349	122,044,349	122,044,349

Fund Overview

The Development Services Fund accounts for all revenues and expenditures related to activities and services provided by the Bureau of Development Services (BDS).

Managing Agency Bureau of Development Services

Significant Changes from Prior Year

Steadily Improving Construction Activity The construction activity in the Portland metropolitan area is approaching historical peaks; however, there is a possibility of a mild correction during the next five-year forecast period. The bureau will continue to monitor workload and performance to ensure that adequate service levels are provided to bureau customers and the community.

Fee Changes For FY 2016-17, BDS is reducing building permit and site development permit fees by 3%. No fee increases are proposed for other services, with the exception of the Environmental Soils program.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	35,118	123,294	6,674	92,985	92,985	92,985
Miscellaneous	94	333	0	0	0	0
Total External Revenues	35,212	123,627	6,674	92,985	92,985	92,985
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	712	0	1,000	1,000	1,000
Total Resources	35,212	124,339	6,674	93,985	93,985	93,985
Requirements						
External Materials and Services	34,500	123,216	6,674	93,985	93,985	93,985
Total Bureau Expenditures	34,500	123,216	6,674	93,985	93,985	93,985
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	712	1,123	0	0	0	0
Total Requirements	35,212	124,339	6,674	93,985	93,985	93,985

Fund Overview

The Division-Midway Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth and the true-up of revenue sharing in FY 2015-16.

Education URA Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	1,027,310	1,694,838	0	0	0	0
Miscellaneous	1,454	3,530	0	0	0	0
Total External Revenues	1,028,764	1,698,368	0	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	8,750	0	0	0	0
Total Resources	1,028,764	1,707,118	0	0	0	0
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	1,020,014	1,707,118	0	0	0	0
Total Fund Expenditures	1,020,014	1,707,118	0	0	0	0
Ending Fund Balance	8,750	0	0	0	0	0
Total Requirements	1,028,764	1,707,118	0	0	0	0

Fund Overview

The Education URA Debt Service Fund was used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Education Urban Renewal Area. This fund accounted for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Council Passed Ordinance 187071 on April 1, 2015, to amend the Education Urban Renewal Plan to terminate the Plan. All remaining revenues in the tax increment fund for this district were returned to Multnomah, Washington, and Clackamas counties in FY 2015-16. No additional tax increment collections are expected for this urban renewal area.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	3,635,211	3,912,568	4,575,662	4,754,887	4,754,887	4,754,887
Bond & Note	12,552,386	0	0	0	0	0
Miscellaneous	5,602	9,806	20,985	11,550	11,550	11,550
Total External Revenues	16,193,199	3,922,374	4,596,647	4,766,437	4,766,437	4,766,437
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	449,048	515,669	865,267	269,142	269,142	269,142
Total Resources	16,642,247	4,438,043	5,461,914	5,035,579	5,035,579	5,035,579
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	16,126,578	3,572,776	5,461,914	5,035,579	5,035,579	5,035,579
Total Fund Expenditures	16,126,578	3,572,776	5,461,914	5,035,579	5,035,579	5,035,579
Ending Fund Balance	515,669	865,267	0	0	0	0
Total Requirements	16,642,247	4,438,043	5,461,914	5,035,579	5,035,579	5,035,579

Fund Overview

The Gateway URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Gateway Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Gateway URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Estimated - Du Jour and Line of Credit	4,658,763					
		2016/17	4,658,763	variable	376,816	5,035,579
TOTAL FUND DEBT SERVICE			4,658,763		376,816	5,035,579

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	868,533	1,093,766	1,048,400	1,050,000	1,050,000	1,050,000
Miscellaneous	3,140	4,456	7,514	3,500	3,500	3,500
Total External Revenues	871,673	1,098,222	1,055,914	1,053,500	1,053,500	1,053,500
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	723,248	798,453	0	808,305	808,305	808,305
Total Resources	1,594,921	1,896,675	1,055,914	1,861,805	1,861,805	1,861,805
Requirements						
Personnel Services	0	0	10,000	0	0	0
External Materials and Services	175	3,225	40,000	4,036	4,036	4,036
Total Bureau Expenditures	175	3,225	50,000	4,036	4,036	4,036
Debt Service	796,293	861,548	833,414	832,769	832,769	832,769
Contingency	0	0	172,500	1,025,000	1,025,000	1,025,000
Total Fund Expenditures	796,293	861,548	1,005,914	1,857,769	1,857,769	1,857,769
Ending Fund Balance	798,453	1,031,902	0	0	0	0
Total Requirements	1,594,921	1,896,675	1,055,914	1,861,805	1,861,805	1,861,805

Fund Overview

The Headwaters Apartment Complex Fund reflects expenses and revenues for the City-owned Headwaters Apartment complex. The property is managed by the Portland Development Commission (PDC) through a property management firm. Tenant revenue is collected by PDC (per bond covenants) and the net income after property management and insurance costs is sent to the Portland Housing Bureau monthly. The bureau is responsible for making the semi-annual debt service payments on the bonds sold for the construction of the property with this revenue.

Managing Agency Portland Housing Bureau

Significant Changes from Prior Year

The appropriation for contingency reflects the potential payoff of the Series B bonds for the project per the FY 2016-17 Master Bond Declaration. Debt service will gradually reduce in small increments for the remainder of the life of the bonds.

Headwaters Apartment Complex Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Housing Revenue Bonds, 2005 Series A (Headwaters Apartments Project)						
4/18/2005 - Due 4/1	10,480,000					
		2016/17	295,000	5.00%	423,750	718,750
		2017/18	305,000	5.00%	409,000	714,000
		2018/19	320,000	5.00%	393,750	713,750
		2019/20	335,000	5.00%	377,750	712,750
		2020/21	350,000	5.00%	361,000	711,000
		2021/22	365,000	5.00%	343,500	708,500
		2022/23	380,000	5.00%	325,250	705,250
		2023/24	395,000	5.00%	306,250	701,250
		2024/25	415,000	5.00%	286,500	701,500
		2025/26	430,000	5.00%	265,750	695,750
		2026/27	450,000	5.00%	244,250	694,250
		2027/28	475,000	5.00%	221,750	696,750
		2028/29	495,000	5.00%	198,000	693,000
		2029/30	520,000	5.00%	173,250	693,250
		2030/31	545,000	5.00%	147,250	692,250
		2031/32	570,000	5.00%	120,000	690,000
		2032/33	595,000	5.00%	91,500	686,500
		2033/34	625,000	5.00%	61,750	686,750
		2034/35	610,000	5.00%	30,500	640,500
		TOTAL	8,475,000		4,780,750	13,255,750
Limited Tax Housing Revenue Bonds, 2005 Series B (Headwaters Apartments Project)						
4/18/2005 - Due 4/1	1,260,000					
		2016/17	35,000	4.70%	48,175	83,175
		2017/18	35,000	4.70%	46,530	81,530
		2018/19	40,000	4.70%	44,885	84,885
		2019/20	40,000	4.70%	43,005	83,005
		2020/21	40,000	4.70%	41,125	81,125
		2021/22	45,000	4.70%	39,245	84,245
		2022/23	45,000	4.70%	37,130	82,130
		2023/24	50,000	4.70%	35,015	85,015
		2024/25	50,000	4.70%	32,665	82,665
		2025/26	50,000	4.70%	30,315	80,315
		2026/27	55,000	4.70%	27,965	82,965
		2027/28	55,000	4.70%	25,380	80,380
		2028/29	60,000	4.70%	22,795	82,795
		2029/30	65,000	4.70%	19,975	84,975
		2030/31	65,000	4.70%	16,920	81,920
		2031/32	70,000	4.70%	13,865	83,865
		2032/33	70,000	4.70%	10,575	80,575

Debt Summary

Headwaters Apartment Complex Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2033/34	75,000	4.70%	7,285	82,285
		2034/35	80,000	4.70%	3,760	83,760
		TOTAL	1,025,000		546,610	1,571,610
COMBINED DEBT SERVICE						
	11,740,000					
		2016/17	330,000		471,925	801,925
		2017/18	340,000		455,530	795,530
		2018/19	360,000		438,635	798,635
		2019/20	375,000		420,755	795,755
		2020/21	390,000		402,125	792,125
		2021/22	410,000		382,745	792,745
		2022/23	425,000		362,380	787,380
		2023/24	445,000		341,265	786,265
		2024/25	465,000		319,165	784,165
		2025/26	480,000		296,065	776,065
		2026/27	505,000		272,215	777,215
		2027/28	530,000		247,130	777,130
		2028/29	555,000		220,795	775,795
		2029/30	585,000		193,225	778,225
		2030/31	610,000		164,170	774,170
		2031/32	640,000		133,865	773,865
		2032/33	665,000		102,075	767,075
		2033/34	700,000		69,035	769,035
		2034/35	690,000		34,260	724,260
TOTAL FUND DEBT SERVICE			9,500,000		5,327,360	14,827,360

HOME Grant Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	797	27,785	20,000	0	0	0
Intergovernmental	2,621,042	2,820,693	4,920,635	6,125,921	3,566,348	3,887,982
Miscellaneous	479,277	396,460	1,360,000	218,000	400,000	400,000
Total External Revenues	3,101,116	3,244,938	6,300,635	6,343,921	3,966,348	4,287,982
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	288,997	138,981	0	0	0	75,000
Total Resources	3,390,113	3,383,919	6,300,635	6,343,921	3,966,348	4,362,982
Requirements						
Personnel Services	274,864	315,312	346,875	359,021	359,021	359,021
External Materials and Services	2,976,268	2,954,438	5,953,760	5,984,900	3,607,327	3,928,961
Total Bureau Expenditures	3,251,132	3,269,750	6,300,635	6,343,921	3,966,348	4,287,982
Debt Service	0	0	0	0	0	75,000
Total Fund Expenditures	0	0	0	0	0	75,000
Ending Fund Balance	138,981	114,169	0	0	0	0
Total Requirements	3,390,113	3,383,919	6,300,635	6,343,921	3,966,348	4,362,982

Fund Overview

The HOME program is a federal entitlement program of the United States Department of Housing and Urban Development. The purpose of the grant is to assist local governments with the development of affordable housing.

Portland HOME Consortium

The Portland HOME Consortium consists of the City of Portland, the City of Gresham, and Multnomah County. The City of Portland is the lead partner of the consortium and is responsible for receiving and administering the HOME grant.

Structure

The HOME Grant Fund is reimbursed by the federal government for actual expenditures less program income. The fund will not have an ending fund balance because requests for reimbursement cannot exceed expenditures less program income. The bureau processes HOME loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting program income associated with loan repayments.

Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the fall supplemental budget process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

The appropriation for materials and services in FY 2015-16 was higher than in FY 2014-15 and FY 2016-17 due to the inclusion of \$4.1 million for two development projects: the PCRI Inner Northeast Bundle and the St Francis.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	313,040	445,778	613,437	541,800	541,800	541,800
Intergovernmental	186,023	398,851	199,300	202,900	217,500	217,500
Bond & Note	0	0	0	14,400,000	14,400,000	14,400,000
Miscellaneous	804,067	921,460	1,079,170	641,194	641,594	641,594
Total External Revenues	1,303,130	1,766,089	1,891,907	15,785,894	15,800,894	15,800,894
Fund Transfers - Revenue	48,000	1,070,000	2,674,554	1,200,000	1,200,000	1,200,000
Total Internal Revenues	48,000	1,070,000	2,674,554	1,200,000	1,200,000	1,200,000
Beginning Fund Balance	1,910,048	1,784,737	740,578	3,359,147	2,578,089	2,578,089
Total Resources	3,261,178	4,620,826	5,307,039	20,345,041	19,578,983	19,578,983
Requirements						
Personnel Services	908,471	748,778	938,026	972,629	1,026,460	1,026,460
External Materials and Services	350,228	349,732	1,639,272	18,001,606	17,201,717	17,201,717
Internal Materials and Services	0	39,259	10,741	31,000	31,000	31,000
Total Bureau Expenditures	1,258,699	1,137,769	2,588,039	19,005,235	18,259,177	18,259,177
Debt Service	0	0	0	1,200,000	1,200,000	1,200,000
Contingency	0	0	2,719,000	87,675	67,578	67,445
Fund Transfers - Expense	217,742	128,122	0	52,131	52,228	52,361
Total Fund Expenditures	217,742	128,122	2,719,000	1,339,806	1,319,806	1,319,806
Ending Fund Balance	1,784,737	3,354,935	0	0	0	0
Total Requirements	3,261,178	4,620,826	5,307,039	20,345,041	19,578,983	19,578,983

Fund Overview

The Housing Investment Fund (HIF) supports the City's housing initiatives, which serve to develop or preserve affordable housing in Portland or help low- and moderate-income individuals access affordable housing. In addition to development and preservation of units, there are several other programs tracked in this fund.

Other Programs

PHB administers indirect programs to promote affordable housing via foregone revenue. These programs include limited property tax exemptions, system development charge waivers, and mortgage credit certificates.

The Risk Mitigation Pool provides coverage for landlords and property managers who incur damage or financial loss as a result of renting to homeless or formerly homeless people.

Servicepoint is a state-wide homeless management information system that PHB manages on behalf other agencies across the state. PHB recovers the costs of providing this service from these agencies via intergovernmental agreements, and this income serves as a match to the McKinney/Homeless Management Information Systems grant.

Loan Activity

Effective with the July 1, 2010 transition of affordable housing operations from the Portland Development Commission to the City, the Portland Housing Bureau began processing loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting program income associated with loan repayments.

Managing Agency Portland Housing Bureau

Significant Changes from Prior Year

FY 2016-17 shows \$14.4 million as compared to \$0 in prior years for the Short-Term Rental Revenue subfund. This represents the securitization of short-term rental revenue for property acquisition. The short-term rental portion of transient lodging tax revenues were allocated to PHB by the City Council via resolution in 2015.

Fund transfers are down in FY 2016-17 as compared to the prior year. This is due to a one-time \$2.5 million transfer into the HIF for affordable housing development during FY 2015-16. These funds are programmed in the bureau's 2015 NOFA, and will likely be expended in FY 2016-17 and FY 2017-18. The amount shown for FY 2016-17 includes \$1.2 million in anticipated short-term rental revenue as described above.

External materials and services increase substantially in FY 2016-17 as compared to the prior year due to the appropriation of the \$14.4 million discussed above.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	18,518,514	21,733,409	20,883,755	23,838,267	23,838,267	23,838,267
Bond & Note	8,017,000	19,688,097	0	0	0	0
Miscellaneous	59,306	84,761	90,204	87,669	87,669	87,669
Total External Revenues	26,594,820	41,506,267	20,973,959	23,925,936	23,925,936	23,925,936
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	6,749,266	7,501,305	10,964,581	9,015,683	9,015,683	9,015,683
Total Resources	33,344,086	49,007,572	31,938,540	32,941,619	32,941,619	32,941,619
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	25,842,781	38,069,876	26,196,002	27,230,271	27,230,271	27,230,271
Debt Service Reserves	0	0	5,742,538	5,711,348	5,711,348	5,711,348
Total Fund Expenditures	25,842,781	38,069,876	31,938,540	32,941,619	32,941,619	32,941,619
Ending Fund Balance	7,501,305	10,937,696	0	0	0	0
Total Requirements	33,344,086	49,007,572	31,938,540	32,941,619	32,941,619	32,941,619

Fund Overview

The Interstate Corridor Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Interstate Corridor Urban Renewal District. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Interstate Corridor Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Interstate Corridor Urban Renewal & Redevelopment Bonds, 2011 Series A (Federally Taxable)						
08/11/2011 - Due 06/15	28,890,000					
		2016/17	1,715,000	4.32%	1,173,335	2,888,335
		2017/18	1,790,000	4.62%	1,099,179	2,889,179
		2018/19	1,875,000	4.97%	1,016,409	2,891,409
		2019/20	1,965,000	5.17%	923,146	2,888,146
		2020/21	2,065,000	5.32%	821,477	2,886,477
		2021/22	2,175,000	6.29%	711,537	2,886,537
		2022/23	2,315,000	6.29%	574,642	2,889,642
		2023/24	2,460,000	6.29%	428,936	2,888,936
		2024/25	2,615,000	6.29%	274,104	2,889,104
		2025/26	1,740,000	6.29%	109,516	1,849,516
		TOTAL	20,715,000		7,132,281	27,847,281
Interstate Corridor Urban Renewal & Redevelopment Bonds, 2011 Series B						
08/11/2011 - Due 06/15	17,245,000					
		2016/17	0		849,338	849,338
		2017/18	0		849,338	849,338
		2018/19	0		849,338	849,338
		2019/20	0		849,338	849,338
		2020/21	0		849,338	849,338
		2021/22	0		849,338	849,338
		2022/23	0		849,338	849,338
		2023/24	0		849,338	849,338
		2024/25	0		849,338	849,338
		2025/26	1,040,000	4.50%	849,338	1,889,338
		2026/27	2,940,000	5.00%	802,538	3,742,538
		2027/28	3,085,000	4.75%	655,538	3,740,538
		2028/29	3,230,000	5.00%	509,000	3,739,000
		2029/30	3,390,000	5.00%	347,500	3,737,500
		2030/31	3,560,000	5.00%	178,000	3,738,000
		TOTAL	17,245,000		10,985,950	28,230,950
Interstate Corridor Urban Renewal & Redevelopment Refunding Bonds, Series 2015						
03/17/2015 - Due 06/15	17,155,000					
		2016/17	1,410,000	5.00%	776,750	2,186,750
		2017/18	1,480,000	5.00%	706,250	2,186,250
		2018/19	1,555,000	5.00%	632,250	2,187,250
		2019/20	1,630,000	5.00%	554,500	2,184,500
		2020/21	1,710,000	5.00%	473,000	2,183,000
		2021/22	1,800,000	5.00%	387,500	2,187,500
		2022/23	1,890,000	5.00%	297,500	2,187,500
		2023/24	1,980,000	5.00%	203,000	2,183,000

Debt Summary

Interstate Corridor Debt Service Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2024/25	2,080,000	5.00%	104,000	2,184,000
		TOTAL	15,535,000		4,134,750	19,669,750
Estimated - Du Jour and Line of Credit						
	21,059,848					
		2016/17	21,059,848	variable	246,000	21,305,848
		TOTAL	21,059,848		246,000	21,305,848
COMBINED DEBT SERVICE						
	84,349,848					
		2016/17	24,184,848		3,045,423	27,230,271
		2017/18	3,270,000		2,654,766	5,924,766
		2018/19	3,430,000		2,497,996	5,927,996
		2019/20	3,595,000		2,326,984	5,921,984
		2020/21	3,775,000		2,143,815	5,918,815
		2021/22	3,975,000		1,948,374	5,923,374
		2022/23	4,205,000		1,721,480	5,926,480
		2023/24	4,440,000		1,481,274	5,921,274
		2024/25	4,695,000		1,227,441	5,922,441
		2025/26	2,780,000		958,853	3,738,853
		2026/27	2,940,000		802,538	3,742,538
		2027/28	3,085,000		655,538	3,740,538
		2028/29	3,230,000		509,000	3,739,000
		2029/30	3,390,000		347,500	3,737,500
		2030/31	3,560,000		178,000	3,738,000
TOTAL FUND DEBT SERVICE			74,554,848		22,498,981	97,053,829

Lents Town Center URA Debt Redemption Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	11,605,058	12,789,045	12,984,145	13,579,068	13,579,068	13,579,068
Bond & Note	2,882	0	0	0	0	0
Miscellaneous	31,087	41,568	40,448	44,774	44,774	44,774
Total External Revenues	11,639,027	12,830,613	13,024,593	13,623,842	13,623,842	13,623,842
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	3,236,818	3,220,474	3,967,701	4,091,617	4,091,617	4,091,617
Total Resources	14,875,845	16,051,087	16,992,294	17,715,459	17,715,459	17,715,459
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	11,655,371	12,041,239	13,959,702	14,682,867	14,682,867	14,682,867
Debt Service Reserves	0	0	3,032,592	3,032,592	3,032,592	3,032,592
Total Fund Expenditures	11,655,371	12,041,239	16,992,294	17,715,459	17,715,459	17,715,459
Ending Fund Balance	3,220,474	4,009,848	0	0	0	0
Total Requirements	14,875,845	16,051,087	16,992,294	17,715,459	17,715,459	17,715,459

Fund Overview

The Lents Town Center URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Lents Town Center Urban Renewal District. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Lents Urban Renewal and Redevelopment Bonds, 2010 Series A (Federally Taxable)						
06/24/2010 - Due 6/15	21,240,000					
		2016/17	1,425,000	5.78%	838,920	2,263,920
		2017/18	1,510,000	5.78%	756,498	2,266,498
		2018/19	1,595,000	5.78%	669,159	2,264,159
		2019/20	1,690,000	5.78%	576,905	2,266,905
		2020/21	1,785,000	6.28%	479,155	2,264,155
		2021/22	1,900,000	6.28%	366,986	2,266,986
		2022/23	2,015,000	6.28%	247,590	2,262,590
		2023/24	1,925,000	6.28%	120,967	2,045,967
		TOTAL	13,845,000		4,056,179	17,901,179
Lents Urban Renewal and Redevelopment Bonds, 2010 Series B						
06/24/2010 - Due 6/15	15,650,000					
		2016/17	0		765,588	765,588
		2017/18	0		765,588	765,588
		2018/19	0		765,588	765,588
		2019/20	0		765,588	765,588
		2020/21	0		765,588	765,588
		2021/22	0		765,588	765,588
		2022/23	0		765,588	765,588
		2023/24	220,000	4.25%	765,588	985,588
		2024/25	2,275,000	5.00%	756,238	3,031,238
		2025/26	2,390,000	4.80%	642,488	3,032,488
		2026/27	2,500,000	5.00%	527,738	3,027,738
		2027/28	2,625,000	4.86%	402,738	3,027,738
		2028/29	2,755,000	4.75%	275,113	3,030,113
		2029/30	2,885,000	5.00%	144,250	3,029,250
		TOTAL	15,650,000		8,873,263	24,523,263
Estimated - Du Jour and Line of Credit						
	11,602,763					
		2016/17	11,602,763	variable	50,597	11,653,360
		TOTAL	11,602,763		50,597	11,653,360
COMBINED DEBT SERVICE						
	48,492,763					
		2016/17	13,027,763		1,655,104	14,682,867
		2017/18	1,510,000		1,522,085	3,032,085
		2018/19	1,595,000		1,434,747	3,029,747
		2019/20	1,690,000		1,342,492	3,032,492
		2020/21	1,785,000		1,244,743	3,029,743
		2021/22	1,900,000		1,132,573	3,032,573
		2022/23	2,015,000		1,013,177	3,028,177

Lents Town Center URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	2,145,000		886,555	3,031,555
		2024/25	2,275,000		756,238	3,031,238
		2025/26	2,390,000		642,488	3,032,488
		2026/27	2,500,000		527,738	3,027,738
		2027/28	2,625,000		402,738	3,027,738
		2028/29	2,755,000		275,113	3,030,113
		2029/30	2,885,000		144,250	3,029,250
TOTAL FUND DEBT SERVICE			41,097,763		12,980,038	54,077,801

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	845,762	1,051,632	1,053,500	1,052,480	1,052,480	1,052,480
Bond & Note	8,445,115	0	4,759,678	9,027,599	9,027,599	9,027,599
Miscellaneous	11,488,734	727,902	810,800	1,688,819	1,688,819	1,688,819
Total External Revenues	20,779,611	1,779,534	6,623,978	11,768,898	11,768,898	11,768,898
Fund Transfers - Revenue	32	64,400	0	500,000	500,000	500,000
Interagency Revenue	0	0	2,245	0	0	0
Total Internal Revenues	32	64,400	2,245	500,000	500,000	500,000
Beginning Fund Balance	4,061,896	6,031,368	3,326,221	2,657,600	2,657,600	2,657,600
Total Resources	24,841,539	7,875,302	9,952,444	14,926,498	14,926,498	14,926,498
Requirements						
External Materials and Services	2,725	4,000	10,245	9,998	9,998	9,998
Internal Materials and Services	1,269,312	1,594,935	1,735,840	1,360,353	1,360,353	1,360,353
Total Bureau Expenditures	1,272,037	1,598,935	1,746,085	1,370,351	1,370,351	1,370,351
Debt Service	10,911,458	2,936,812	2,719,385	6,961,740	6,961,740	6,961,740
Contingency	0	0	2,512,762	2,807,143	2,807,143	2,807,143
Fund Transfers - Expense	6,626,676	13,334	2,974,212	3,787,264	3,787,264	3,787,264
Total Fund Expenditures	17,538,134	2,950,146	8,206,359	13,556,147	13,556,147	13,556,147
Ending Fund Balance	6,031,368	3,326,221	0	0	0	0
Total Requirements	24,841,539	7,875,302	9,952,444	14,926,498	14,926,498	14,926,498

Fund Overview

The Local Improvement District (LID) Fund accounts for the activities of the Assessments, Finance, and Foreclosure division of the Auditor's Office. The fund finances local infrastructure improvements. The division records assessments, including those for local improvements financed by the fund, sidewalk repairs, code enforcement violations, and system development charges for Portland Parks & Recreation, the Bureau of Environmental Services, the Water Bureau, and the Bureau of Transportation. The division provides property owners with a variety of financing mechanisms to pay off assessments.

Managing Agency Office of the City Auditor

Significant Changes from Prior Year

The size of the LID Fund budget is primarily driven by the number of LID construction projects in process and under consideration at any one time. It is anticipated that the budget will continue to be moderate in FY 2016-17 with final assessment of several medium sized LID projects.

North Macadam URA Debt Redemption Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	12,067,418	12,654,250	12,510,250	12,862,986	12,862,986	12,862,986
Bond & Note	15,927,680	0	0	0	0	0
Miscellaneous	45,827	59,706	53,648	48,763	48,763	48,763
Total External Revenues	28,040,925	12,713,956	12,563,898	12,911,749	12,911,749	12,911,749
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	5,178,507	6,407,395	5,175,002	4,978,296	4,978,296	4,978,296
Total Resources	33,219,432	19,121,351	17,738,900	17,890,045	17,890,045	17,890,045
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	26,812,037	13,946,349	12,773,250	12,924,395	12,924,395	12,924,395
Debt Service Reserves	0	0	4,965,650	4,965,650	4,965,650	4,965,650
Total Fund Expenditures	26,812,037	13,946,349	17,738,900	17,890,045	17,890,045	17,890,045
Ending Fund Balance	6,407,395	5,175,002	0	0	0	0
Total Requirements	33,219,432	19,121,351	17,738,900	17,890,045	17,890,045	17,890,045

Fund Overview

The North Macadam URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the North Macadam Urban Renewal District. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

On April 1, 2015, Council Passed Ordinance 187072, which amended the North Macadam Urban Renewal Plan to expand the size and assessed value of the district and extend the last date to issue debt. Additional tax increment revenues will be generated from the expansion area beginning in FY 2016-17.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal and Redevelopment Bonds, 2010 Series A						
09/23/2010 - Due 06/15	29,645,000					
		2016/17	2,600,000	5.37%	829,178	3,429,178
		2017/18	2,740,000	5.37%	689,454	3,429,454
		2018/19	2,885,000	5.37%	542,206	3,427,206
		2019/20	3,040,000	5.37%	387,166	3,427,166
		2020/21	3,205,000	5.57%	223,797	3,428,797
		2021/22	810,000	5.57%	45,150	855,150
		TOTAL	15,280,000		2,716,951	17,996,951
Urban Renewal and Redevelopment Bonds, 2010 Series B						
09/23/2010 - Due 06/15	35,280,000					
		2016/17	0		1,535,563	1,535,563
		2017/18	0		1,535,563	1,535,563
		2018/19	0		1,535,563	1,535,563
		2019/20	0		1,535,563	1,535,563
		2020/21	0		1,535,563	1,535,563
		2021/22	2,570,000	3.75%	1,535,563	4,105,563
		2022/23	3,525,000	3.75%	1,439,188	4,964,188
		2023/24	3,655,000	5.00%	1,307,000	4,962,000
		2024/25	3,840,000	4.00%	1,124,250	4,964,250
		2025/26	3,995,000	4.00%	970,650	4,965,650
		2026/27	4,150,000	4.00%	810,850	4,960,850
		2027/28	4,320,000	4.25%	644,850	4,964,850
		2028/29	4,500,000	5.00%	461,250	4,961,250
		2029/30	4,725,000	5.00%	236,250	4,961,250
		TOTAL	35,280,000		16,207,666	51,487,666
Estimated - Du Jour and Line of Credit						
	7,603,387					
		2016/17	7,603,387	variable	356,267	7,959,654
TOTAL FUND DEBT SERVICE			7,603,387		356,267	7,959,654
COMBINED DEBT SERVICE						
	72,528,387					
		2016/17	10,203,387		2,721,008	12,924,395
		2017/18	2,740,000		2,225,017	4,965,017
		2018/19	2,885,000		2,077,769	4,962,769
		2019/20	3,040,000		1,922,729	4,962,729
		2020/21	3,205,000		1,759,360	4,964,360
		2021/22	3,380,000		1,580,713	4,960,713
		2022/23	3,525,000		1,439,188	4,964,188
		2023/24	3,655,000		1,307,000	4,962,000
		2024/25	3,840,000		1,124,250	4,964,250

North Macadam URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2025/26	3,995,000		970,650	4,965,650
		2026/27	4,150,000		810,850	4,960,850
		2027/28	4,320,000		644,850	4,964,850
		2028/29	4,500,000		461,250	4,961,250
		2029/30	4,725,000		236,250	4,961,250
TOTAL FUND DEBT SERVICE			58,163,387		19,280,884	77,444,271

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	0	37,583	38,922	80,783	80,783	80,783
Miscellaneous	0	84	111	0	0	0
Total External Revenues	0	37,667	39,033	80,783	80,783	80,783
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	0	0	1,000	1,000	1,000
Total Resources	0	37,667	39,033	81,783	81,783	81,783
Requirements						
External Materials and Services	0	37,592	39,033	81,783	81,783	81,783
Total Bureau Expenditures	0	37,592	39,033	81,783	81,783	81,783
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	0	75	0	0	0	0
Total Requirements	0	37,667	39,033	81,783	81,783	81,783

Fund Overview

The Parkrose Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth.

Property Management License Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	4,943,561	5,128,183	5,220,715	5,483,450	5,483,450	5,483,450
Miscellaneous	2,594	2,506	3,150	2,275	2,275	2,275
Total External Revenues	4,946,155	5,130,689	5,223,865	5,485,725	5,485,725	5,485,725
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	38,816	38,816	0	0	0	0
Total Resources	4,984,971	5,169,505	5,223,865	5,485,725	5,485,725	5,485,725
Requirements						
External Materials and Services	4,884,115	5,065,254	5,157,900	5,392,157	5,392,157	5,392,157
Internal Materials and Services	62,040	65,231	40,965	68,568	68,568	68,568
Total Bureau Expenditures	4,946,155	5,130,485	5,198,865	5,460,725	5,460,725	5,460,725
Fund Transfers - Expense	0	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	0	25,000	25,000	25,000	25,000	25,000
Ending Fund Balance	38,816	14,020	0	0	0	0
Total Requirements	4,984,971	5,169,505	5,223,865	5,485,725	5,485,725	5,485,725

Fund Overview

The Property Management License Fund receives revenue from the business property management license fee payable by property managers of properties within the two Enhanced Services Districts (Clean & Safe and Lloyd districts). This fee supports enhanced services within the two districts. The fund transfers payments to the Office of Management & Finance - Bureau of Revenue & Financial Services, Revenue Division for reimbursement of a set level of program costs.

The purpose of the program is to keep the areas within the two districts vital and attractive to businesses, shoppers, visitors, and residents.

Clean & Safe, Inc., in accordance with a management agreement with the City of Portland, provides the following services:

- ◆ Enhanced security
- ◆ Sidewalk and graffiti cleaning
- ◆ Business recruitment, retention, and marketing services in the central business district

Go Lloyd, in accordance with their contract with the City, provides the following services:

- ◆ Transportation management
- ◆ District Attorney prosecution and crime prevention
- ◆ Holladay Street landscape maintenance
- ◆ Lloyd Eco District services

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	31,595,733	28,947,188	27,752,319	32,635,992	32,635,992	32,635,992
Miscellaneous	85,129	100,566	86,972	115,975	115,975	115,975
Total External Revenues	31,680,862	29,047,754	27,839,291	32,751,967	32,751,967	32,751,967
Fund Transfers - Revenue	772	0	0	0	0	0
Total Internal Revenues	772	0	0	0	0	0
Beginning Fund Balance	9,122,813	8,133,127	7,618,858	9,781,414	9,781,414	9,781,414
Total Resources	40,804,447	37,180,881	35,458,149	42,533,381	42,533,381	42,533,381
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	32,671,320	29,118,298	27,839,291	34,914,523	34,914,523	34,914,523
Debt Service Reserves	0	0	7,618,858	7,618,858	7,618,858	7,618,858
Total Fund Expenditures	32,671,320	29,118,298	35,458,149	42,533,381	42,533,381	42,533,381
Ending Fund Balance	8,133,127	8,062,583	0	0	0	0
Total Requirements	40,804,447	37,180,881	35,458,149	42,533,381	42,533,381	42,533,381

Fund Overview

The River District URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the River District Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

On April 1, 2015, Council passed Ordinance 187075 to formally amend the River District Urban Renewal Plan to reduce the size and assessed value of the district. The impact of the amendment on tax increment revenue collections will be effective in FY 2016-17.

River District URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2012 Series A (Taxable)						
07/10/2012 - Due 06/15	24,250,000					
		2016/17	1,705,000	2.77%	666,183	2,371,183
		2017/18	1,755,000	3.14%	618,920	2,373,920
		2018/19	1,805,000	3.39%	563,743	2,368,743
		2019/20	1,865,000	3.53%	502,482	2,367,482
		2020/21	1,930,000	3.73%	436,647	2,366,647
		2021/22	2,005,000	3.78%	364,658	2,369,658
		2022/23	2,080,000	3.98%	288,869	2,368,869
		2023/24	2,165,000	4.13%	206,085	2,371,085
		2024/25	2,255,000	4.28%	116,671	2,371,671
		2025/26	455,000	4.43%	20,157	475,157
		TOTAL	18,020,000		3,784,414	21,804,414
Urban Renewal & Redevelopment Bonds, 2012 Series B (Tax-Exempt Governmental)						
07/10/2012 - Due 06/15	34,140,000					
		2016/17	3,160,000	5.00%	1,334,550	4,494,550
		2017/18	3,315,000	5.00%	1,176,550	4,491,550
		2018/19	3,485,000	4.00%	1,010,800	4,495,800
		2019/20	3,625,000	5.00%	871,400	4,496,400
		2020/21	3,805,000	4.00%	690,150	4,495,150
		2021/22	3,960,000	5.00%	537,950	4,497,950
		2022/23	4,155,000	5.00%	339,950	4,494,950
		2023/24	0		132,200	132,200
		2024/25	0		132,200	132,200
		2025/26	0		132,200	132,200
		2026/27	0		132,200	132,200
		2027/28	0		132,200	132,200
		2028/29	0		132,200	132,200
		2029/30	0		132,200	132,200
		2030/31	175,000	4.00%	132,200	307,200
		2031/32	3,130,000	4.00%	125,200	3,255,200
		TOTAL	28,810,000		7,144,150	35,954,150
Urban Renewal & Redevelopment Bonds, 2012 Series C (Tax-Exempt Non-AMT Private Activity)						
07/10/2012 - Due 06/15	15,275,000					
		2016/17	0	0.00%	751,250	751,250
		2017/18	0	0.00%	751,250	751,250
		2018/19	0	0.00%	751,250	751,250
		2019/20	0	0.00%	751,250	751,250
		2020/21	0	0.00%	751,250	751,250
		2021/22	0	0.00%	751,250	751,250
		2022/23	0	0.00%	751,250	751,250

Debt Summary

River District URA Debt Redemption Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	0	0.00%	751,250	751,250
		2024/25	0	0.00%	751,250	751,250
		2025/26	1,895,000	5.00%	751,250	2,646,250
		2026/27	2,465,000	4.49%	656,500	3,121,500
		2027/28	2,570,000	5.00%	545,750	3,115,750
		2028/29	2,700,000	5.00%	417,250	3,117,250
		2029/30	2,835,000	5.00%	282,250	3,117,250
		2030/31	2,810,000	5.00%	140,500	2,950,500
		TOTAL	15,275,000		9,554,750	24,829,750
Estimated - Du Jour and Line of Credit						
	25,000,000					
		2016/17	25,000,000	variable	2,297,540	27,297,540
		TOTAL	25,000,000		2,297,540	27,297,540
COMBINED DEBT SERVICE						
	98,665,000					
		2016/17	29,865,000		5,049,523	34,914,523
		2017/18	5,070,000		2,546,720	7,616,720
		2018/19	5,290,000		2,325,793	7,615,793
		2019/20	5,490,000		2,125,132	7,615,132
		2020/21	5,735,000		1,878,047	7,613,047
		2021/22	5,965,000		1,653,858	7,618,858
		2022/23	6,235,000		1,380,069	7,615,069
		2023/24	2,165,000		1,089,535	3,254,535
		2024/25	2,255,000		1,000,121	3,255,121
		2025/26	2,350,000		903,607	3,253,607
		2026/27	2,465,000		788,700	3,253,700
		2027/28	2,570,000		677,950	3,247,950
		2028/29	2,700,000		549,450	3,249,450
		2029/30	2,835,000		414,450	3,249,450
		2030/31	2,985,000		272,700	3,257,700
		2031/32	3,130,000		125,200	3,255,200
TOTAL FUND DEBT SERVICE			87,105,000		22,780,854	109,885,854

Rosewood NPI Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	38,774	85,565	24,584	128,067	128,067	128,067
Miscellaneous	103	197	0	0	0	0
Total External Revenues	38,877	85,762	24,584	128,067	128,067	128,067
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	377	0	1,000	1,000	1,000
Total Resources	38,877	86,139	24,584	129,067	129,067	129,067
Requirements						
External Materials and Services	38,500	85,299	24,584	129,067	129,067	129,067
Total Bureau Expenditures	38,500	85,299	24,584	129,067	129,067	129,067
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	377	840	0	0	0	0
Total Requirements	38,877	86,139	24,584	129,067	129,067	129,067

Fund Overview

The Rosewood Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Revenues will be higher due to assessed value growth and the true-up of revenue sharing in FY 2015-16.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	7,214,798	7,673,102	7,123,320	6,491,410	6,491,410	6,491,410
Miscellaneous	58,392	67,778	95,943	98,726	98,726	98,726
Total External Revenues	7,273,190	7,740,880	7,219,263	6,590,136	6,590,136	6,590,136
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	8,656,320	8,744,675	8,871,153	9,674,835	9,674,835	9,674,835
Total Resources	15,929,510	16,485,555	16,090,416	16,264,971	16,264,971	16,264,971
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	7,184,835	7,177,691	7,181,374	7,179,375	7,179,375	7,179,375
Debt Service Reserves	0	0	8,909,042	9,085,596	9,085,596	9,085,596
Total Fund Expenditures	7,184,835	7,177,691	16,090,416	16,264,971	16,264,971	16,264,971
Ending Fund Balance	8,744,675	9,307,864	0	0	0	0
Total Requirements	15,929,510	16,485,555	16,090,416	16,264,971	16,264,971	16,264,971

Fund Overview

The South Parks Blocks Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the South Park Blocks Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in July 2008 with the final payment scheduled for June of 2024.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

South Park Blocks Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2008 Series A (Taxable)						
7/16/2008 - Due 06/15	34,580,000					
		2016/17	4,780,000	6.03%	798,375	5,578,375
		2017/18	5,070,000	6.03%	510,093	5,580,093
		2018/19	3,360,000	6.08%	204,322	3,564,322
		TOTAL	13,210,000		1,512,790	14,722,790
Urban Renewal & Redevelopment and Refunding Bonds, 2008 Series B (Tax-Exempt)						
7/16/2008 - Due 06/15	32,020,000					
		2016/17	0		1,601,000	1,601,000
		2017/18	0		1,601,000	1,601,000
		2018/19	5,330,000	5.00%	1,601,000	6,931,000
		2019/20	5,845,000	5.00%	1,334,500	7,179,500
		2020/21	4,060,000	5.00%	1,042,250	5,102,250
		2021/22	4,265,000	5.00%	839,250	5,104,250
		2022/23	4,480,000	5.00%	626,000	5,106,000
		2023/24	8,040,000	5.00%	402,000	8,442,000
		TOTAL	32,020,000		9,047,000	41,067,000
COMBINED DEBT SERVICE						
	66,600,000					
		2016/17	4,780,000		2,399,375	7,179,375
		2017/18	5,070,000		2,111,093	7,181,093
		2018/19	8,690,000		1,805,322	10,495,322
		2019/20	5,845,000		1,334,500	7,179,500
		2020/21	4,060,000		1,042,250	5,102,250
		2021/22	4,265,000		839,250	5,104,250
		2022/23	4,480,000		626,000	5,106,000
		2023/24	8,040,000		402,000	8,442,000
TOTAL FUND DEBT SERVICE			45,230,000		10,559,790	55,789,790

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	25,632	28,043	9,150	0	0	0
Intergovernmental	11,534,273	19,387,006	20,604,916	57,702,484	73,762,022	73,729,886
Miscellaneous	4,796,340	12,517,655	1,673,019	1,136,980	3,202,945	3,201,895
Total External Revenues	16,356,245	31,932,704	22,287,085	58,839,464	76,964,967	76,931,781
Fund Transfers - Revenue	7,012	0	0	0	0	0
Total Internal Revenues	7,012	0	0	0	0	0
Beginning Fund Balance	3,011,945	8,253,411	815,561	8,288,167	8,288,167	8,287,540
Total Resources	19,375,202	40,186,115	23,102,646	67,127,631	85,253,134	85,219,321
Requirements						
Personnel Services	2,002,242	2,139,020	2,505,913	2,885,422	2,950,422	2,918,224
External Materials and Services	7,419,958	19,027,901	18,791,167	62,690,413	80,751,720	80,751,141
Internal Materials and Services	829,852	838,254	1,042,912	1,090,576	1,088,910	1,086,705
Total Bureau Expenditures	10,252,052	22,005,175	22,339,992	66,666,411	84,791,052	84,756,070
Fund Transfers - Expense	869,739	496,365	762,654	461,220	462,082	463,251
Total Fund Expenditures	869,739	496,365	762,654	461,220	462,082	463,251
Ending Fund Balance	8,253,411	17,684,575	0	0	0	0
Total Requirements	19,375,202	40,186,115	23,102,646	67,127,631	85,253,134	85,219,321

Fund Overview

Structure

The Tax Increment Financing (TIF) Reimbursement Fund accounts for the reimbursement of housing-related costs that are funded from tax increment proceeds in the various Portland Development Commission (PDC) urban renewal areas. Eligible costs are incurred by the Portland Housing Bureau for each individual urban renewal area and then reimbursed by the PDC.

The bureau processes loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting program income associated with loan repayments. TIF affordable housing program income is netted from TIF reimbursements from PDC.

Carryover

Appropriations remaining at the end of the fiscal year are carried over in the fall supplemental budget process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior-year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

Budgeted TIF expenditures substantially increased in FY 2016-17 compared to the prior year for two primary reasons: first, a number of projects underway have substantial capital expenditures in FY 2016-17, such as Oliver Station (Lents URA), Riverplace (North Macadam URA), and Saint Francis Park (Central Eastside URA); and second, FY 2016-17 anticipates the beginning of development costs for projects awarded in the Fall 2015 Notice of Funding Availability process.

Waterfront Renewal Bond Sinking Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	9,628,472	10,151,217	9,290,020	8,457,535	8,457,535	8,457,535
Miscellaneous	57,268	67,473	60,782	63,162	63,162	63,162
Total External Revenues	9,685,740	10,218,690	9,350,802	8,520,697	8,520,697	8,520,697
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	7,326,527	7,531,168	6,492,928	8,628,807	8,628,807	8,628,807
Total Resources	17,012,267	17,749,858	15,843,730	17,149,504	17,149,504	17,149,504
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	9,481,099	9,483,533	9,489,678	9,493,542	9,493,542	9,493,542
Debt Service Reserves	0	0	6,354,052	7,655,962	7,655,962	7,655,962
Total Fund Expenditures	9,481,099	9,483,533	15,843,730	17,149,504	17,149,504	17,149,504
Ending Fund Balance	7,531,168	8,266,325	0	0	0	0
Total Requirements	17,012,267	17,749,858	15,843,730	17,149,504	17,149,504	17,149,504

Fund Overview

The Waterfront Renewal Bond Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Downtown Waterfront Urban Renewal District. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in April of 2008 with the final payment scheduled for June of 2024.

The Portland Development Commission serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2008 Series A						
04/22/08 - Due 6/15	50,165,000					
		2016/17	2,275,000	5.31%	2,107,092	4,382,092
		2017/18	2,390,000	5.36%	1,986,289	4,376,289
		2018/19	2,520,000	6.30%	1,858,185	4,378,185
		2019/20	2,680,000	6.30%	1,699,425	4,379,425
		2020/21	5,415,000	6.30%	1,530,585	6,945,585
		2021/22	5,760,000	6.30%	1,189,440	6,949,440
		2022/23	6,120,000	6.30%	826,560	6,946,560
		2023/24	7,000,000	6.30%	441,000	7,441,000
		TOTAL	34,160,000		11,638,576	45,798,576
Urban Renewal & Redevelopment Refunding Bonds, 2011 Series A						
7/6/2011 - Due 6/15	30,370,000					
		2016/17	4,255,000	4.00%	856,450	5,111,450
		2017/18	4,430,000	5.00%	686,250	5,116,250
		2018/19	4,645,000	5.00%	464,750	5,109,750
		2019/20	4,880,000	4.76%	232,500	5,112,500
		TOTAL	18,210,000		2,239,950	20,449,950
COMBINED DEBT SERVICE						
	80,535,000					
		2016/17	6,530,000		2,963,542	9,493,542
		2017/18	6,820,000		2,672,539	9,492,539
		2018/19	7,165,000		2,322,935	9,487,935
		2019/20	7,560,000		1,931,925	9,491,925
		2020/21	5,415,000		1,530,585	6,945,585
		2021/22	5,760,000		1,189,440	6,949,440
		2022/23	6,120,000		826,560	6,946,560
		2023/24	7,000,000		441,000	7,441,000
TOTAL FUND DEBT SERVICE			52,370,000		13,878,526	66,248,526

Willamette Industrial URA Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	1,172,537	9,400	0	0	0	0
Miscellaneous	2,147	977	0	0	0	0
Total External Revenues	1,174,684	10,377	0	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	73,887	248,557	0	0	0	0
Total Resources	1,248,571	258,934	0	0	0	0
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	1,000,014	258,934	0	0	0	0
Total Fund Expenditures	1,000,014	258,934	0	0	0	0
Ending Fund Balance	248,557	0	0	0	0	0
Total Requirements	1,248,571	258,934	0	0	0	0

Fund Overview

The Willamette Industrial URA Debt Service Fund was used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Willamette Industrial Urban Renewal District. This fund accounted for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district.

Council Passed Ordinance 187074 on April 1, 2015, to amend the Willamette Industrial Urban Renewal Plan to cease collections of tax increment revenues. All remaining revenues in the tax increment fund for this district were returned to the counties in FY 2015-16. No additional tax increment collections are expected for this urban renewal area.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	1,073,000	0	0	0	0	0
Miscellaneous	7,398	6,494	6,774	0	0	0
Total External Revenues	1,080,398	6,494	6,774	0	0	0
Fund Transfers - Revenue	2,795,767	2,475,745	2,471,651	1,966,730	1,966,730	1,966,730
Total Internal Revenues	2,795,767	2,475,745	2,471,651	1,966,730	1,966,730	1,966,730
Beginning Fund Balance	1,673,961	1,675,687	1,675,687	1,673,047	1,673,047	1,673,047
Total Resources	5,550,126	4,157,926	4,154,112	3,639,777	3,639,777	3,639,777
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	3,874,439	2,483,404	2,471,651	1,966,730	1,966,730	1,966,730
Debt Service Reserves	0	0	1,682,461	1,673,047	1,673,047	1,673,047
Total Fund Expenditures	3,874,439	2,483,404	4,154,112	3,639,777	3,639,777	3,639,777
Ending Fund Balance	1,675,687	1,674,522	0	0	0	0
Total Requirements	5,550,126	4,157,926	4,154,112	3,639,777	3,639,777	3,639,777

Fund Overview

The Gas Tax Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures related to the debt financing of Portland Bureau of Transportation projects. Resources are from gas tax revenues, which consist of the City's share of the state and county collections.

Managing Agency Portland Bureau of Transportation

Gas Tax Bond Redemption Fund

Debt Summary

Transportation & Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Gas Tax Revenue Bonds, 2011 Series A						
11/22/2011 - Due 2/1	15,400,000					
		2016/17	1,335,000	4.00%	405,000	1,740,000
		2017/18	1,390,000	4.00%	351,600	1,741,600
		2018/19	1,445,000	5.00%	296,000	1,741,000
		2019/20	1,520,000	5.00%	223,750	1,743,750
		2020/21	1,595,000	3.00%	147,750	1,742,750
		2021/22	1,640,000	3.00%	99,900	1,739,900
		2022/23	1,690,000	3.00%	50,700	1,740,700
		TOTAL	10,615,000		1,574,700	12,189,700
Gas Tax Revenue Refunding Bonds, Series 2013						
06/01/1998 - Due 6/1	3,070,000					
		2016/17	218,000	1.94%	8,730	226,730
		2017/18	232,000	1.94%	4,501	236,501
		TOTAL	450,000		13,231	463,231
COMBINED DEBT SERVICE						
	18,470,000					
		2016/17	1,553,000		413,730	1,966,730
		2017/18	1,622,000		356,101	1,978,101
		2018/19	1,445,000		296,000	1,741,000
		2019/20	1,520,000		223,750	1,743,750
		2020/21	1,595,000		147,750	1,742,750
		2021/22	1,640,000		99,900	1,739,900
		2022/23	1,690,000		50,700	1,740,700
TOTAL FUND DEBT SERVICE			11,065,000		1,587,931	12,652,931

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	11,721,401	12,905,014	13,509,115	14,285,910	14,285,910	14,285,910
Bond & Note	5,445,000	0	0	0	0	0
Miscellaneous	257,590	63,685	91,308	100,000	100,000	100,000
Total External Revenues	17,423,991	12,968,699	13,600,423	14,385,910	14,385,910	14,385,910
Fund Transfers - Revenue	150,759	29,310	0	0	0	0
Interagency Revenue	803,591	808,677	903,145	974,535	974,535	974,535
Total Internal Revenues	954,350	837,987	903,145	974,535	974,535	974,535
Beginning Fund Balance	1,358,490	6,903,379	9,631,092	10,619,115	10,619,115	10,619,115
Total Resources	19,736,831	20,710,065	24,134,660	25,979,560	25,979,560	25,979,560
Requirements						
Personnel Services	189,085	200,659	285,150	545,410	545,410	545,410
External Materials and Services	3,449,479	3,742,371	5,264,328	5,223,501	5,223,501	5,223,501
Internal Materials and Services	1,902,925	1,705,206	2,561,584	6,448,855	6,448,855	6,448,855
Capital Outlay	0	0	0	2,996,131	2,996,131	2,996,131
Total Bureau Expenditures	5,541,489	5,648,236	8,111,062	15,213,897	15,213,897	15,213,897
Debt Service	1,879,125	1,882,250	1,879,500	1,876,000	1,876,000	1,876,000
Contingency	0	0	10,619,115	6,215,357	6,215,078	6,214,699
Fund Transfers - Expense	5,412,838	3,547,486	3,524,983	2,674,306	2,674,585	2,674,964
Total Fund Expenditures	7,291,963	5,429,736	16,023,598	10,765,663	10,765,663	10,765,663
Ending Fund Balance	6,903,379	9,632,093	0	0	0	0
Total Requirements	19,736,831	20,710,065	24,134,660	25,979,560	25,979,560	25,979,560

Fund Overview

The Parking Facilities Fund supports the operations and maintenance of the City-owned parking garages in the SmartPark garage system, which includes 3,765 parking spaces and about 72,000 square feet of commercial space. The parking garage facilities are located in downtown Portland at SW First and Jefferson, SW Third and Alders, SW Fourth and Yamhill, SW Tenth and Yamhill, NW Naito and Davis, and O-Bryant Square.

The Parking Facilities Fund also makes an annual transfer to the Transportation Operating Fund for operating support.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

The fund is implementing a major multi-year reconstruction project for the 10th & Yamhill parking garage.

Parking Facilities Fund

Debt Summary

Transportation & Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Refunding Bonds, 2009 Series A (Central City Streetcar)						
04/15/1999 - Due 04/01	21,450,000					
		2016/17	1,370,000	4.00%	506,000	1,876,000
		2017/18	1,425,000	4.00%	451,200	1,876,200
		2018/19	1,485,000	4.00%	394,200	1,879,200
		2019/20	1,550,000	4.00%	334,800	1,884,800
		2020/21	1,600,000	4.00%	272,800	1,872,800
		2021/22	1,675,000	4.00%	208,800	1,883,800
		2022/23	1,740,000	4.00%	141,800	1,881,800
		2023/24	1,805,000	4.00%	72,200	1,877,200
TOTAL FUND DEBT SERVICE			12,650,000		2,381,800	15,031,800

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	3,726,335	6,848,288	3,276,500	7,831,200	7,831,200	7,831,200
Charges for Services	48,269,454	54,172,560	53,849,764	66,310,568	66,310,568	66,310,568
Intergovernmental	64,365,815	65,525,722	72,385,931	73,637,953	73,637,953	86,887,953
Bond & Note	51,342,691	26,196,709	24,840,000	21,500,000	29,500,000	31,000,000
Miscellaneous	4,892,931	6,006,172	4,302,430	4,048,430	4,048,430	4,048,430
Total External Revenues	172,597,226	158,749,451	158,654,625	173,328,151	181,328,151	196,078,151
Fund Transfers - Revenue	20,082,696	15,356,575	35,262,486	21,153,239	19,936,701	19,936,701
Interagency Revenue	30,296,599	29,320,265	30,848,008	30,955,481	30,958,481	30,958,481
Total Internal Revenues	50,379,295	44,676,840	66,110,494	52,108,720	50,895,182	50,895,182
Beginning Fund Balance	45,047,100	60,783,863	54,346,325	73,169,018	65,169,018	63,669,018
Total Resources	268,023,621	264,210,154	279,111,444	298,605,889	297,392,351	310,642,351
Requirements						
Personnel Services	63,003,243	67,743,189	77,816,287	85,030,273	84,783,273	86,200,159
External Materials and Services	88,947,099	67,326,755	65,608,370	63,298,977	63,108,977	65,904,741
Internal Materials and Services	20,289,243	21,758,921	21,813,485	22,885,070	22,875,070	22,939,912
Capital Outlay	11,277,151	10,979,144	14,373,397	28,337,682	27,571,144	28,358,494
Total Bureau Expenditures	183,516,736	167,808,009	179,611,539	199,552,002	198,338,464	203,403,306
Debt Service	11,776,329	18,017,910	13,199,757	11,031,045	11,031,045	11,031,045
Contingency	0	0	76,538,501	77,857,921	77,845,642	86,054,145
Fund Transfers - Expense	11,946,693	10,652,596	9,761,647	10,164,921	10,177,200	10,153,855
Total Fund Expenditures	23,723,022	28,670,506	99,499,905	99,053,887	99,053,887	107,239,045
Ending Fund Balance	60,783,863	67,731,639	0	0	0	0
Total Requirements	268,023,621	264,210,154	279,111,444	298,605,889	297,392,351	310,642,351

Fund Overview

The Transportation Operating Fund accounts for all revenues and expenditures related to transportation operations, maintenance, and capital improvements for the Portland Bureau of Transportation.

External revenues include gas taxes; parking fees and fines; intergovernmental revenues from federal, state, and local sources; and cost recovery revenues (service charges, licenses, and permits). Internal revenues include reimbursement for services from other City funds and operations. The largest reimbursements are from the Bureau of Environmental Services for maintenance of the sewer system, the General Fund for streetlights and the bureau's share of utility license fees, and the Local Improvement District Fund for work associated with local improvement districts.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

Council approved an increase to the parking rates for the Downtown Meter District, from \$1.60 per hour to \$2.00 per hour, effective in February 2016. The rate increase is expected to generate an estimated \$4.0 million in additional parking revenues annually.

The bureau implemented paid parking in the Northwest Parking District in February 2016 which will generate an estimated \$3.0 million in new parking revenues annually.

The bureau will implement a Bike Share Program in the summer of 2016 with an estimated annual budget of \$3.2 million supported by sponsorships and fee revenues.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2012 Series C (Portland Milwaukie Light Rail Project)						
09/20/2012 - Due 9/1	36,160,000					
		2016/17	1,405,000	4.00%	1,102,600	2,507,600
		2017/18	1,460,000	4.00%	1,045,300	2,505,300
		2018/19	1,520,000	4.00%	985,700	2,505,700
		2019/20	1,585,000	4.00%	923,600	2,508,600
		2020/21	1,645,000	4.00%	859,000	2,504,000
		2021/22	1,725,000	5.00%	782,975	2,507,975
		2022/23	1,810,000	5.00%	694,600	2,504,600
		2023/24	1,885,000	3.00%	621,075	2,506,075
		2024/25	1,940,000	3.00%	563,700	2,503,700
		2025/26	2,000,000	3.00%	504,600	2,504,600
		2026/27	2,060,000	3.00%	443,700	2,503,700
		2027/28	2,125,000	3.00%	380,925	2,505,925
		2028/29	2,190,000	3.00%	316,200	2,506,200
		2029/30	2,255,000	3.00%	249,525	2,504,525
		2030/31	2,325,000	3.00%	180,825	2,505,825
		2031/32	2,395,000	3.00%	110,025	2,505,025
		2032/33	2,470,000	3.00%	37,050	2,507,050
		TOTAL	32,795,000		9,801,400	42,596,400
Limited Tax Revenue Bonds, 2014 Series A (Sellwood Bridge)						
06/17/2014 - Due 6/1	44,215,000					
		2016/17	1,480,000	5.00%	1,917,450	3,397,450
		2017/18	1,555,000	5.00%	1,843,450	3,398,450
		2018/19	1,635,000	5.00%	1,765,700	3,400,700
		2019/20	1,715,000	5.00%	1,683,950	3,398,950
		2020/21	1,800,000	5.00%	1,598,200	3,398,200
		2021/22	1,890,000	5.00%	1,508,200	3,398,200
		2022/23	1,985,000	5.00%	1,413,700	3,398,700
		2023/24	2,085,000	5.00%	1,314,450	3,399,450
		2024/25	2,190,000	5.00%	1,210,200	3,400,200
		2025/26	2,300,000	5.00%	1,100,700	3,400,700
		2026/27	2,415,000	5.00%	985,700	3,400,700
		2027/28	2,535,000	5.00%	864,950	3,399,950
		2028/29	2,660,000	5.00%	738,200	3,398,200
		2029/30	2,795,000	4.00%	605,200	3,400,200
		2030/31	2,905,000	4.00%	493,400	3,398,400
		2031/32	3,020,000	4.00%	377,200	3,397,200
		2032/33	3,140,000	4.00%	256,400	3,396,400
		2033/34	3,270,000	4.00%	130,800	3,400,800
		TOTAL	41,375,000		19,807,850	61,182,850

Transportation Operating Fund

Debt Summary

Transportation & Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
2012 Parking Meter Lease						
12/20/2012 - Due 12/20	580,000					
		2016/17	82,766		6,054	88,820
		2017/18	84,736		4,082	88,818
		2018/19	86,753		2,065	88,818
		TOTAL	254,255		12,201	266,456
Projected - 2015 Lighting Efficiency Line of Credit						
	18,500,000					
		2016/17	0	variable	150,000	150,000
		TOTAL	0		150,000	150,000
Projected - 2015 Sellwood Bridge Line of Credit						
	20,000,000					
		2016/17	0	variable	400,000	400,000
		TOTAL	0		400,000	400,000
COMBINED DEBT SERVICE						
	119,455,000					
		2016/17	2,967,766		3,576,104	6,543,870
		2017/18	3,099,736		2,892,832	5,992,568
		2018/19	3,241,753		2,753,465	5,995,218
		2019/20	3,300,000		2,607,550	5,907,550
		2020/21	3,445,000		2,457,200	5,902,200
		2021/22	3,615,000		2,291,175	5,906,175
		2022/23	3,795,000		2,108,300	5,903,300
		2023/24	3,970,000		1,935,525	5,905,525
		2024/25	4,130,000		1,773,900	5,903,900
		2025/26	4,300,000		1,605,300	5,905,300
		2026/27	4,475,000		1,429,400	5,904,400
		2027/28	4,660,000		1,245,875	5,905,875
		2028/29	4,850,000		1,054,400	5,904,400
		2029/30	5,050,000		854,725	5,904,725
		2030/31	5,230,000		674,225	5,904,225
		2031/32	5,415,000		487,225	5,902,225
		2032/33	5,610,000		293,450	5,903,450
		2033/34	3,270,000		130,800	3,400,800
TOTAL FUND DEBT SERVICE			74,424,255		30,171,451	104,595,706

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Bond & Note	2,500,000	0	0	0	0	0
Miscellaneous	12,606	17,919	20,000	25,000	25,000	25,000
Total External Revenues	2,512,606	17,919	20,000	25,000	25,000	25,000
Fund Transfers - Revenue	500,000	1,200,000	900,000	700,000	700,000	700,000
Total Internal Revenues	500,000	1,200,000	900,000	700,000	700,000	700,000
Beginning Fund Balance	17,935	3,030,541	4,230,541	5,148,460	5,148,460	5,148,460
Total Resources	3,030,541	4,248,460	5,150,541	5,873,460	5,873,460	5,873,460
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	5,150,541	5,873,460	5,873,460	5,873,460
Total Fund Expenditures	0	0	5,150,541	5,873,460	5,873,460	5,873,460
Ending Fund Balance	3,030,541	4,248,460	0	0	0	0
Total Requirements	3,030,541	4,248,460	5,150,541	5,873,460	5,873,460	5,873,460

Fund Overview

The Transportation Reserve Fund was created in FY 1992-93 in accordance with the transportation reserve policy. The policy designates two types of reserves:

- ◆ Countercyclical reserves to maintain current service level programs or to buffer the impact of major revenue interruptions, such as those caused by an economic recession. Policy sets this reserve amount at 5% of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget.
- ◆ Emergency reserves to fund major one-time, unexpected requirements, such as those related to a structural failure or road emergency associated with a natural disaster or event. Policy sets this reserve amount at 5% of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

Current reserves are not at the levels required by policy. Based on the forecast for gas tax and on-street parking revenues for FY 2016-17, the target for the reserve is \$10.9 million. Starting in FY 2016-17, the fund will receive \$700,000 annually from the Transportation Operating Fund until the policy requirements are met.



	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Taxes	10,449,610	12,239,770	14,664,970	14,261,160	14,261,160	14,261,160
Bond & Note	8,265,000	125,000	0	0	0	0
Miscellaneous	26,421	30,705	20,000	10,000	10,000	10,000
Total External Revenues	18,741,031	12,395,475	14,684,970	14,271,160	14,271,160	14,271,160
Fund Transfers - Revenue	0	3,687	0	0	0	0
Total Internal Revenues	0	3,687	0	0	0	0
Beginning Fund Balance	538,464	338,480	0	200,000	200,000	200,000
Total Resources	19,279,495	12,737,642	14,684,970	14,471,160	14,471,160	14,471,160
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	18,941,015	12,574,132	14,684,970	14,271,160	14,271,160	14,271,160
Total Fund Expenditures	18,941,015	12,574,132	14,684,970	14,271,160	14,271,160	14,271,160
Ending Fund Balance	338,480	163,510	0	200,000	200,000	200,000
Total Requirements	19,279,495	12,737,642	14,684,970	14,471,160	14,471,160	14,471,160

Fund Overview

This fund is used to achieve a proper matching of revenues and expenditures related to the financing and refinancing of general obligation bonds authorized by voters for the renovation of the City's park system, Portland fire station infrastructure, and public safety improvements.

Principal and interest on these bonds are paid from property taxes. The City is obligated to levy an annual ad valorem tax, without limitation to rate or amount, upon all property within the city sufficient to service the debt.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Bonded Debt Interest and Sinking Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
General Obligation Emergency Facility Bonds, 2008 Series A						
12/03/2008 - Due 6/1	15,360,000					
		2016/17	730,000	3.75%	498,785	1,228,785
		2017/18	760,000	4.00%	471,410	1,231,410
		2018/19	790,000	4.15%	441,010	1,231,010
		2019/20	825,000	4.25%	408,225	1,233,225
		2020/21	860,000	4.50%	373,163	1,233,163
		2021/22	895,000	4.50%	334,463	1,229,463
		2022/23	935,000	4.50%	294,188	1,229,188
		2023/24	980,000	4.50%	252,113	1,232,113
		2024/25	1,025,000	4.70%	208,013	1,233,013
		2025/26	1,070,000	4.75%	159,838	1,229,838
		2026/27	1,120,000	4.75%	109,013	1,229,013
		2027/28	1,175,000	4.75%	55,813	1,230,813
		TOTAL	11,165,000		3,606,030	14,771,030
General Obligation Emergency Facility Refunding Bonds, 2009 Series A						
07/07/2009 - Due 6/1	14,560,000					
		2016/17	1,515,000	4.00%	190,000	1,705,000
		2017/18	1,585,000	4.00%	129,400	1,714,400
		2018/19	1,650,000	4.00%	66,000	1,716,000
		TOTAL	4,750,000		385,400	5,135,400
General Obligation Public Safety Bonds, 2011 Series A						
05/15/2019 - Due 6/1	25,835,000					
		2016/17	1,605,000	2.00%	609,975	2,214,975
		2017/18	1,635,000	4.00%	577,875	2,212,875
		2018/19	1,705,000	3.00%	512,475	2,217,475
		2019/20	1,755,000	3.00%	461,325	2,216,325
		2020/21	1,805,000	3.00%	408,675	2,213,675
		2021/22	1,860,000	3.00%	354,525	2,214,525
		2022/23	1,915,000	3.25%	298,725	2,213,725
		2023/24	1,980,000	3.38%	236,488	2,216,488
		2024/25	2,045,000	4.00%	169,663	2,214,663
		2025/26	2,130,000	4.13%	87,863	2,217,863
		TOTAL	18,435,000		3,717,588	22,152,588
General Obligation Bonds, 2014 Series A (Public Safety Projects and Emergency Facilities Refunding)						
03/27/2014 - Due 6/15	29,795,000					
		2016/17	1,830,000	5.00%	1,092,200	2,922,200
		2017/18	1,920,000	5.00%	1,000,700	2,920,700
		2018/19	2,025,000	5.00%	904,700	2,929,700
		2019/20	2,120,000	5.00%	803,450	2,923,450
		2020/21	2,230,000	5.00%	697,450	2,927,450

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2021/22	2,345,000	3.00%	585,950	2,930,950
		2022/23	2,410,000	5.00%	515,600	2,925,600
		2023/24	2,550,000	5.00%	395,100	2,945,100
		2024/25	1,740,000	2.50%	267,600	2,007,600
		2025/26	1,785,000	3.00%	224,100	2,009,100
		2026/27	1,840,000	3.00%	170,550	2,010,550
		2027/28	1,895,000	3.00%	115,350	2,010,350
		2028/29	1,950,000	3.00%	58,500	2,008,500
		TOTAL	26,640,000		6,831,250	33,471,250
General Obligation Public Safety Bonds, 2015 Series A						
06/02/2015 - Due 6/15	17,145,000					
		2016/17	945,000	4.00%	643,950	1,588,950
		2017/18	985,000	2.00%	606,150	1,591,150
		2018/19	1,005,000	5.00%	586,450	1,591,450
		2019/20	1,055,000	5.00%	536,200	1,591,200
		2020/21	1,110,000	5.00%	483,450	1,593,450
		2021/22	1,165,000	5.00%	427,950	1,592,950
		2022/23	1,220,000	5.00%	369,700	1,589,700
		2023/24	1,280,000	5.00%	308,700	1,588,700
		2024/25	1,345,000	5.00%	244,700	1,589,700
		2025/26	1,415,000	3.00%	177,450	1,592,450
		2026/27	1,455,000	3.00%	135,000	1,590,000
		2027/28	1,500,000	3.00%	91,350	1,591,350
		2028/29	1,545,000	3.00%	46,350	1,591,350
		TOTAL	16,025,000		4,657,400	20,682,400
General Obligation Parks Bonds, 2015 Series C						
07/30/2015 - Due 6/15	23,850,000					
		2016/17	3,700,000	4.00%	911,250	4,611,250
		2017/18	1,345,000	5.00%	763,250	2,108,250
		2018/19	1,410,000	5.00%	696,000	2,106,000
		2019/20	1,480,000	2.00%	625,500	2,105,500
		2020/21	1,510,000	5.00%	595,900	2,105,900
		2021/22	1,585,000	5.00%	520,400	2,105,400
		2022/23	1,665,000	5.00%	441,150	2,106,150
		2023/24	1,750,000	5.00%	357,900	2,107,900
		2024/25	1,835,000	5.00%	270,400	2,105,400
		2025/26	1,925,000	3.00%	178,650	2,103,650
		2026/27	1,985,000	3.00%	120,900	2,105,900
		2027/28	2,045,000	3.00%	61,350	2,106,350
		TOTAL	22,235,000		5,542,650	27,777,650
COMBINED DEBT SERVICE						

Bonded Debt Interest and Sinking Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
	126,545,000					
		2016/17	10,325,000		3,946,160	14,271,160
		2017/18	8,230,000		3,548,785	11,778,785
		2018/19	8,585,000		3,206,635	11,791,635
		2019/20	7,235,000		2,834,700	10,069,700
		2020/21	7,515,000		2,558,638	10,073,638
		2021/22	7,850,000		2,223,288	10,073,288
		2022/23	8,145,000		1,919,363	10,064,363
		2023/24	8,540,000		1,550,300	10,090,300
		2024/25	7,990,000		1,160,375	9,150,375
		2025/26	8,325,000		827,900	9,152,900
		2026/27	6,400,000		535,463	6,935,463
		2027/28	6,615,000		323,863	6,938,863
		2028/29	3,495,000		104,850	3,599,850
TOTAL FUND DEBT SERVICE			99,250,000		24,740,318	123,990,318

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	1,325,099	1,149,453	1,127,762	1,156,623	1,156,623	1,156,623
Bond & Note	48,747	472,762	12,604,127	12,604,127	12,604,127	12,604,127
Miscellaneous	1,616,309	943,773	795,700	796,700	796,700	796,700
Total External Revenues	2,990,155	2,565,988	14,527,589	14,557,450	14,557,450	14,557,450
Fund Transfers - Revenue	46,840	1,205,602	0	0	0	0
Interagency Revenue	27,056,444	27,946,365	30,634,724	33,618,237	33,618,237	33,618,237
Total Internal Revenues	27,103,284	29,151,967	30,634,724	33,618,237	33,618,237	33,618,237
Beginning Fund Balance	20,123,162	21,715,441	22,312,271	22,035,898	22,035,898	22,035,898
Total Resources	50,216,601	53,433,396	67,474,584	70,211,585	70,211,585	70,211,585
Requirements						
Personnel Services	7,351,110	7,465,438	8,532,999	8,033,063	8,033,063	8,033,063
External Materials and Services	11,575,325	11,264,580	12,579,410	13,629,941	13,629,941	13,629,941
Internal Materials and Services	1,732,574	1,961,514	2,399,412	2,405,752	2,405,752	2,405,978
Capital Outlay	6,555,265	8,971,144	15,158,092	12,631,722	12,631,722	12,631,722
Total Bureau Expenditures	27,214,274	29,662,676	38,669,913	36,700,478	36,700,478	36,700,704
Debt Service	346,506	378,407	1,533,246	1,751,667	1,751,667	1,751,667
Contingency	0	0	26,448,373	30,629,517	30,627,575	30,624,714
Fund Transfers - Expense	940,380	1,080,042	823,052	1,129,923	1,131,865	1,134,500
Total Fund Expenditures	1,286,886	1,458,449	28,804,671	33,511,107	33,511,107	33,510,881
Ending Fund Balance	21,715,441	22,312,271	0	0	0	0
Total Requirements	50,216,601	53,433,396	67,474,584	70,211,585	70,211,585	70,211,585

Fund Overview

The CityFleet Operating Fund accounts for the revenues and expenditures associated with CityFleet's operations. CityFleet's programs include: Vehicle & Equipment Acquisitions, Maintenance Operations, Fueling Stations, Parts Management, Automotive Body Repairs, Motor Pool, Rental Programs, Sustainability Program, and Metal Fabrication. CityFleet also provides fleet policies and procedures related to fleet operations, and has established Intergovernmental Agreements to provide a regional approach for professional fleet services and sustainability goals.

The fund's major source of revenue is service reimbursement transfers from City bureaus. Outside agencies also pay the City for vehicle maintenance services provided.

Managing Agency

Office of Management & Finance, Bureau of Internal Business Services

EBS Services Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	19,089	25,523	34,000	20,000	20,000	20,000
Total External Revenues	19,089	25,523	34,000	20,000	20,000	20,000
Fund Transfers - Revenue	477,739	460	0	0	0	0
Interagency Revenue	12,489,788	12,614,871	13,171,378	11,771,472	11,771,472	11,771,472
Total Internal Revenues	12,967,527	12,615,331	13,171,378	11,771,472	11,771,472	11,771,472
Beginning Fund Balance	1,846,015	2,317,940	3,513,554	3,224,041	3,224,041	3,224,041
Total Resources	14,832,631	14,958,794	16,718,932	15,015,513	15,015,513	15,015,513
Requirements						
Personnel Services	2,430,987	2,378,264	2,479,224	2,394,018	2,394,018	2,421,575
External Materials and Services	1,200,405	637,771	2,207,362	2,346,997	2,346,997	2,646,935
Internal Materials and Services	4,261,210	3,996,556	4,276,318	4,770,878	4,770,878	4,774,054
Total Bureau Expenditures	7,892,602	7,012,591	8,962,904	9,511,893	9,511,893	9,842,564
Debt Service	4,391,513	4,394,125	4,398,250	3,036,800	3,036,800	3,036,800
Contingency	0	0	3,090,761	2,289,273	2,288,944	1,957,827
Fund Transfers - Expense	230,576	38,525	267,017	177,547	177,876	178,322
Total Fund Expenditures	4,622,089	4,432,650	7,756,028	5,503,620	5,503,620	5,172,949
Ending Fund Balance	2,317,940	3,513,553	0	0	0	0
Total Requirements	14,832,631	14,958,794	16,718,932	15,015,513	15,015,513	15,015,513

Fund Overview

The Enterprise Business Solution (EBS) Services Fund supports the implementation, maintenance, and continuous improvement of the City's SAP integrated resource planning system. The fund currently supports financial system users and human resources and payroll users in 28 business groups across the City. The debt issued to finance the purchase and implementation of SAP will be retired in FY 2016-17.

Managing Agency Office of Management & Finance, Citywide Projects

Debt Summary**EBS Services Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2009 Series B (EBSP portion only)						
04/22/2010 - Due 6/1	9,400,000					
		2016/17	2,920,000	4.00%	116,800	3,036,800
TOTAL FUND DEBT SERVICE			2,920,000		116,800	3,036,800

Facilities Services Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Licenses & Permits	251	0	0	0	0	0
Charges for Services	959,968	1,655,548	1,655,287	1,064,115	1,064,115	1,064,115
Intergovernmental	46,046	209,044	25,696	0	0	0
Bond & Note	48,747	472,762	0	0	0	8,970,687
Miscellaneous	1,124,847	656,365	655,911	9,391,194	9,391,194	420,507
Total External Revenues	2,179,859	2,993,719	2,336,894	10,455,309	10,455,309	10,455,309
Fund Transfers - Revenue	4,885,473	7,617,487	6,507,974	4,963,812	4,963,812	4,963,812
Interagency Revenue	23,178,705	25,232,382	27,864,821	32,185,766	32,185,766	32,360,333
Total Internal Revenues	28,064,178	32,849,869	34,372,795	37,149,578	37,149,578	37,324,145
Beginning Fund Balance	36,716,387	29,332,898	35,197,432	36,164,041	36,164,041	35,327,155
Total Resources	66,960,424	65,176,486	71,907,121	83,768,928	83,768,928	83,106,609
Requirements						
Personnel Services	3,671,730	3,580,356	4,370,153	4,464,353	4,464,353	4,454,353
External Materials and Services	18,699,214	15,641,947	28,174,076	34,524,827	34,524,827	34,395,515
Internal Materials and Services	3,382,982	2,440,483	3,070,009	2,929,996	2,929,996	2,935,783
Capital Outlay	3,107,622	172,519	3,689,916	7,181,005	7,181,005	6,845,859
Total Bureau Expenditures	28,861,548	21,835,305	39,304,154	49,100,181	49,100,181	48,631,510
Debt Service	7,609,582	7,617,607	7,648,943	5,385,079	5,385,079	5,385,079
Contingency	0	0	24,009,601	28,359,773	28,358,125	28,162,242
Fund Transfers - Expense	1,156,396	836,505	944,423	923,895	925,543	927,778
Total Fund Expenditures	8,765,978	8,454,112	32,602,967	34,668,747	34,668,747	34,475,099
Ending Fund Balance	29,332,898	34,887,069	0	0	0	0
Total Requirements	66,960,424	65,176,486	71,907,121	83,768,928	83,768,928	83,106,609

Fund Overview

The Facilities Services Operating Fund accounts for all of the facilities-related programs and capital projects managed by the Office of Management & Finance. The fund is generally self-sufficient; however, Facilities Services may request General Fund capital support on behalf of a General Fund bureau to cover project expenses specific to that bureau's facility requirements.

The fund's primary sources of revenue are service reimbursements from City bureaus for space rental and other services, cash transfers for costs related to City Hall, and revenues from tenants occupying City-owned space. Services include: building operations and maintenance, interior space remodels and reconfigurations, janitorial services, property and capital project management, and strategic planning and development. Debt issuance is also a resource for capital projects, with the resulting principal and interest obligations generally being incorporated into the rental rates.

Managing Agency Office of Management & Finance, Bureau of Internal Business Services

Significant Changes from Prior Year

In October 2015, Council approved Resolution #37158, which directed OMF to complete the Portland Building Reconstruction project by the end of 2020 for a cost not to exceed \$195 million. FY 2016-17 costs include an owner's representative contract, architectural and engineering design services under a progressive Design-Build-Relocate contract, staff costs, and other design phase costs. These costs will be funded with the balance of \$3.75 million of major maintenance funds, \$2.57 million of General Fund resources dedicated to the project, and debt financing.

Facilities Services Operating Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2007 Series C (Archives)						
10/11/2007 - Due 6/1	11,925,000					
		2016/17	545,000	4.00%	348,046	893,046
		2017/18	570,000	4.00%	326,246	896,246
		2018/19	590,000	4.00%	303,446	893,446
		2019/20	615,000	4.00%	279,846	894,846
		2020/21	640,000	4.00%	255,246	895,246
		2021/22	665,000	4.13%	229,646	894,646
		2022/23	690,000	4.25%	202,215	892,215
		2023/24	720,000	4.30%	172,890	892,890
		2024/25	755,000	4.38%	141,930	896,930
		2025/26	785,000	4.38%	108,899	893,899
		2026/27	820,000	4.40%	74,555	894,555
		2027/28	855,000	4.50%	38,475	893,475
		TOTAL	8,250,000		2,481,441	10,731,441
Limited Tax Revenue Refunding Bonds, 2008 Series A (Development Services Building)						
06/24/2008 - Due 4/1	17,725,000					
		2016/17	2,000,000	5.00%	204,500	2,204,500
		2017/18	2,090,000	5.00%	104,500	2,194,500
		TOTAL	4,090,000		309,000	4,399,000
Limited Tax Revenue Bonds, 2011 Series B (Emergency Coordination Center Project)						
12/15/2011 - Due 6/1	5,445,000					
		2016/17	360,000	3.00%	115,956	475,956
		2017/18	370,000	3.00%	105,156	475,156
		2018/19	380,000	3.00%	94,056	474,056
		2019/20	390,000	3.00%	82,656	472,656
		2020/21	405,000	2.38%	70,956	475,956
		2021/22	415,000	2.50%	61,338	476,338
		2022/23	425,000	2.63%	50,963	475,963
		2023/24	435,000	2.88%	39,806	474,806
		2024/25	450,000	3.00%	27,300	477,300
		2025/26	460,000	3.00%	13,800	473,800
		TOTAL	4,090,000		661,988	4,751,988
Limited Tax Revenue & Refunding Bonds, 2012 Series B - Police Training Facility & Refund 2004 A (Facilities Portion Only)						
05/24/2012 - Due 6/1	21,778,650					
		2016/17	1,300,000	3.00%	313,050	1,613,050
		2017/18	1,335,000	3.00%	274,050	1,609,050
		2018/19	1,375,000	4.00%	234,000	1,609,000
		2019/20	1,435,000	4.00%	179,000	1,614,000
		2020/21	1,490,000	4.00%	121,600	1,611,600

Debt Summary**Facilities Services Operating Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2021/22	1,550,000	4.00%	62,000	1,612,000
		TOTAL	8,485,000		1,183,700	9,668,700
COMBINED DEBT SERVICE						
	56,873,650					
		2016/17	4,205,000		981,553	5,186,553
		2017/18	4,365,000		809,953	5,174,953
		2018/19	2,345,000		631,503	2,976,503
		2019/20	2,440,000		541,503	2,981,503
		2020/21	2,535,000		447,803	2,982,803
		2021/22	2,630,000		352,984	2,982,984
		2022/23	1,115,000		253,178	1,368,178
		2023/24	1,155,000		212,696	1,367,696
		2024/25	1,205,000		169,230	1,374,230
		2025/26	1,245,000		122,699	1,367,699
		2026/27	820,000		74,555	894,555
		2027/28	855,000		38,475	893,475
TOTAL FUND DEBT SERVICE			24,915,000		4,636,129	29,551,129

Governmental Bond Redemption Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	352	236	0	1,297,528	1,297,528	1,297,528
Total External Revenues	352	236	0	1,297,528	1,297,528	1,297,528
Fund Transfers - Revenue	1,435,044	1,436,494	2,438,332	2,433,719	2,433,719	2,433,719
Total Internal Revenues	1,435,044	1,436,494	2,438,332	2,433,719	2,433,719	2,433,719
Beginning Fund Balance	30,013	30,365	0	0	0	0
Total Resources	1,465,409	1,467,095	2,438,332	3,731,247	3,731,247	3,731,247
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	1,435,044	1,436,494	2,438,332	3,731,247	3,731,247	3,731,247
Total Fund Expenditures	1,435,044	1,436,494	2,438,332	3,731,247	3,731,247	3,731,247
Ending Fund Balance	30,365	30,601	0	0	0	0
Total Requirements	1,465,409	1,467,095	2,438,332	3,731,247	3,731,247	3,731,247

Fund Overview

The Governmental Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures for financing the acquisition of equipment and facilities for essential City services. Specifically, this fund accounts for resources and the allocation thereof to pay principal and interest on outstanding governmental indebtedness. Debt repaid through this fund includes bonds issued to finance projects including the Clark Center, East Permanent Housing Facility, and the Housing Opportunity Bond program.

Additionally, this fund pays debt service on the harbor restoration line of credit which is supported by an ongoing \$1 million General Fund allocation that began in FY 2015-16.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

River District Urban Renewal Area In FY 2016-17 the City will begin making interest payments on the General Fund line of credit issued to finance certain City owned assets in the River District Urban Renewal Area. The resources to pay interest on the line of credit will come from the Portland Development Commission (the "PDC") in accordance with an inter-governmental agreement entered into between the City and PDC.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Refunding Bonds, 2010 Series A (General Fund Portion Only)						
04/22/2010 - Due 4/1	4,840,000					
		2016/17	620,000	3.00%	65,219	685,219
		2017/18	640,000	3.00%	46,619	686,619
		2018/19	440,000	3.00%	27,419	467,419
		2019/20	455,000	3.13%	14,219	469,219
		TOTAL	2,155,000		153,475	2,308,475.04
Limited Tax Housing Revenue Bonds, 2005 Series D (Housing Opportunity Bonds)						
6/21/2005 - Due 6/1	6,975,000					
		2016/17	525,000	4.00%	223,500	748,500
		2017/18	545,000	4.00%	202,500	747,500
		2018/19	570,000	4.00%	180,700	750,700
		2019/20	590,000	4.00%	157,900	747,900
		2020/21	615,000	4.00%	134,300	749,300
		2021/22	640,000	4.00%	109,700	749,700
		2022/23	665,000	4.00%	84,100	749,100
		2023/24	695,000	4.00%	57,500	752,500
		2024/25	720,000	4.13%	29,700	749,700
		TOTAL	5,565,000		1,179,900	6,744,900.00
Projected - Harbor Restoration Line of Credit						
	3,200,000					
		2016/17	872,000	variable	128,000	1,000,000
		TOTAL	872,000		128,000	1,000,000.00
Projected - River District General Fund Line of Credit						
	36,000,000					
		2016/17	0	variable	1,297,528	1,297,528
		TOTAL	0		1,297,528	1,297,528.00
COMBINED DEBT SERVICE						
	15,015,000					
		2016/17	2,017,000		1,714,247	3,731,247
		2017/18	1,185,000		249,119	1,434,119
		2018/19	1,010,000		208,119	1,218,119
		2019/20	1,045,000		172,119	1,217,119
		2020/21	615,000		134,300	749,300
		2021/22	640,000		109,700	749,700
		2022/23	665,000		84,100	749,100
		2023/24	695,000		57,500	752,500
		2024/25	720,000		29,700	749,700
TOTAL FUND DEBT SERVICE			8,592,000		2,758,903	11,350,903

Health Insurance Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	55,251,846	57,169,932	59,273,336	60,971,629	60,971,629	60,971,629
Miscellaneous	1,102,084	982,363	1,053,571	854,587	854,587	854,587
Total External Revenues	56,353,930	58,152,295	60,326,907	61,826,216	61,826,216	61,826,216
Fund Transfers - Revenue	4,690	27	0	0	0	0
Interagency Revenue	341,786	211,939	0	0	0	0
Total Internal Revenues	346,476	211,966	0	0	0	0
Beginning Fund Balance	11,762,580	15,316,246	18,596,692	17,543,181	17,543,181	17,543,181
Total Resources	68,462,986	73,680,507	78,923,599	79,369,397	79,369,397	79,369,397
Requirements						
Personnel Services	1,304,823	1,343,996	1,564,678	1,682,686	1,682,686	1,682,686
External Materials and Services	51,170,747	52,917,304	58,154,247	60,870,330	60,870,330	60,870,330
Internal Materials and Services	509,206	509,034	391,140	391,768	391,768	392,317
Total Bureau Expenditures	52,984,776	54,770,334	60,110,065	62,944,784	62,944,784	62,945,333
Debt Service	27,380	29,900	34,322	36,862	36,862	36,862
Contingency	0	0	18,637,457	16,101,833	16,101,316	16,100,066
Fund Transfers - Expense	134,584	283,579	141,755	285,918	286,435	287,136
Total Fund Expenditures	161,964	313,479	18,813,534	16,424,613	16,424,613	16,424,064
Ending Fund Balance	15,316,246	18,596,694	0	0	0	0
Total Requirements	68,462,986	73,680,507	78,923,599	79,369,397	79,369,397	79,369,397

Fund Overview

The Health Insurance Operating Fund is used to pay medical, prescription and dental claims for City employees, dependents, retirees, and other participants in the City's self-insured medical and dental plans. The fund collects revenue through bureau, employee, and self-pay contributions.

Health Insurance Operating Fund expenses include the following: medical claims, dental claims, prescription claims, third-party administration costs, stop-loss insurance, fees and taxes associated with healthcare reform, miscellaneous benefits administration costs, and General Fund overhead charges. The City's benefits administration staff and related materials and services are budgeted within the fund.

Managing Agency Office of Management & Finance, Bureau of Human Resources

Significant Changes from Prior Year

FY 2016-17 Assumptions

The City's overall healthcare cost increase is approximately 7% in FY 2016-17. Due to previous plan year moderation of health care costs, there is a rate increase of 1.5% reflected in the FY 2016-17 Adopted Budget. The increases are inclusive of prescription medications, insured medical plans, small increases within the dental plans, and all other administrative charges. Through collective bargaining agreements, health premiums for most plans are paid 95% by the City and 5% by the employee.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	498,651	413,261	1,855,479	303,507	303,507	303,507
Total External Revenues	498,651	413,261	1,855,479	303,507	303,507	303,507
Fund Transfers - Revenue	1,100	772	0	0	0	0
Interagency Revenue	9,252,581	9,102,852	10,431,234	10,931,236	10,931,236	10,931,236
Total Internal Revenues	9,253,681	9,103,624	10,431,234	10,931,236	10,931,236	10,931,236
Beginning Fund Balance	27,743,676	25,360,382	25,162,480	26,509,618	26,509,618	26,509,618
Total Resources	37,496,008	34,877,267	37,449,193	37,744,361	37,744,361	37,744,361
Requirements						
Personnel Services	1,111,653	1,144,198	1,361,002	1,187,425	1,187,425	1,187,425
External Materials and Services	3,927,078	5,610,865	6,619,106	6,584,469	6,584,469	6,584,469
Internal Materials and Services	2,534,247	2,514,635	2,734,911	2,679,422	2,679,422	2,681,176
Total Bureau Expenditures	7,572,978	9,269,698	10,715,019	10,451,316	10,451,316	10,453,070
Debt Service	64,704	70,661	81,109	87,114	87,114	87,114
Contingency	0	0	26,418,846	26,988,916	26,988,558	26,986,318
Fund Transfers - Expense	4,497,944	206,254	234,219	217,015	217,373	217,859
Total Fund Expenditures	4,562,648	276,915	26,734,174	27,293,045	27,293,045	27,291,291
Ending Fund Balance	25,360,382	25,330,654	0	0	0	0
Total Requirements	37,496,008	34,877,267	37,449,193	37,744,361	37,744,361	37,744,361

Fund Overview

The Insurance and Claims Operating Fund provides tort, general liability, and fleet liability claims administration; management of the liability self-insurance program; management of the City's commercial insurance portfolio; and Citywide leadership in loss prevention.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is based on the actuarial study, which recommends a range for the reserve levels needed to cover outstanding incurred liabilities. The range is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level, which takes into account the interest the fund earns on the fund balance. The Insurance and Claims Operating Fund's reserves are forecasted at a discounted confidence level of 80%. Interagency revenues are projected on a five-year basis so that, by year five, the fund will achieve the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

Managing Agency Office of Management & Finance, Bureau of Internal Business Services

Pension Debt Redemption Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	603,955	640,320	745,570	797,521	797,521	797,521
Total External Revenues	603,955	640,320	745,570	797,521	797,521	797,521
Fund Transfers - Revenue	3,596,733	3,805,494	3,957,423	4,161,825	4,161,825	4,161,825
Total Internal Revenues	3,596,733	3,805,494	3,957,423	4,161,825	4,161,825	4,161,825
Beginning Fund Balance	1,209,622	1,418,479	750,000	750,000	750,000	750,000
Total Resources	5,410,310	5,864,293	5,452,993	5,709,346	5,709,346	5,709,346
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	3,821,717	4,110,394	4,702,993	4,959,346	4,959,346	4,959,346
Fund Transfers - Expense	170,114	0	0	0	0	0
Debt Service Reserves	0	0	750,000	750,000	750,000	750,000
Total Fund Expenditures	3,991,831	4,110,394	5,452,993	5,709,346	5,709,346	5,709,346
Ending Fund Balance	1,418,479	1,753,899	0	0	0	0
Total Requirements	5,410,310	5,864,293	5,452,993	5,709,346	5,709,346	5,709,346

Fund Overview

The Pension Debt Redemption Fund is used to achieve proper matching of revenues and expenditures related to the financing of the City's unfunded actuarial accrued pension liability as of December 31, 1997. This fund accounts for the allocation of resources to pay approximately 20% of the principal and interest due on the Limited Tax Pension Obligation Revenue Bonds, 1999 Series C, D, and E. Excluding the Portland Development Commission, of which 100% of their share is paid from this fund, the remaining portion has been allocated and is being paid directly by the funds that benefited from the issuance of the bonds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Pension Obligation Revenue Bonds, 1999 Series C						
11/10/1999 - Due 6/1	150,848,346					
		2016/17	0		7,302,088	7,302,088
		2017/18	0		7,302,088	7,302,088
		2018/19	0		7,302,088	7,302,088
		2019/20	27,935,000	7.70%	7,302,088	35,237,088
		2020/21	31,495,000	7.70%	5,150,814	36,645,814
		2021/22	35,390,000	7.70%	2,725,384	38,115,384
		2022/23	6,345,175	7.70%	33,294,825	39,640,000
		2023/24	6,105,423	7.93%	35,119,578	41,225,000
		2024/25	5,874,733	7.93%	37,000,268	42,875,000
		2025/26	5,652,228	7.93%	38,937,772	44,590,000
		2026/27	5,438,274	7.93%	40,931,726	46,370,000
		2027/28	5,232,955	7.93%	42,997,045	48,230,000
		2028/29	5,034,559	7.93%	45,120,441	50,155,000
		TOTAL	134,503,346		310,486,205	444,989,551
Limited Tax Pension Obligation Revenue Bonds, 1999 Series D & E						
Periodic Auction Reset Securities (PARS)						
11/10/1999 - Due 6/1	150,000,000					
		2016/17	20,000,000	variable	1,365,194	21,365,194
		2017/18	22,450,000	variable	2,162,882	24,612,882
		2018/19	25,075,000	variable	1,267,912	26,342,912
		TOTAL	67,525,000		4,795,988	72,320,988
COMBINED DEBT SERVICE						
	300,848,346					
		2016/17	20,000,000		8,667,282	28,667,282
		2017/18	22,450,000		9,464,970	31,914,970
		2018/19	25,075,000		8,570,000	33,645,000
		2019/20	27,935,000		7,302,088	35,237,088
		2020/21	31,495,000		5,150,814	36,645,814
		2021/22	35,390,000		2,725,384	38,115,384
		2022/23	6,345,175		33,294,825	39,640,000
		2023/24	6,105,423		35,119,578	41,225,000
		2024/25	5,874,733		37,000,268	42,875,000
		2025/26	5,652,228		38,937,772	44,590,000
		2026/27	5,438,274		40,931,726	46,370,000
		2027/28	5,232,955		42,997,045	48,230,000
		2028/29	5,034,559		45,120,441	50,155,000
TOTAL FUND DEBT SERVICE			202,028,346		315,282,193	517,310,539

Printing & Distribution Services Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	137,216	172,372	177,417	178,803	178,803	178,803
Intergovernmental	734,580	826,518	928,104	879,435	879,435	879,435
Miscellaneous	46,393	52,626	66,061	55,194	55,194	55,194
Total External Revenues	918,189	1,051,516	1,171,582	1,113,432	1,113,432	1,113,432
Fund Transfers - Revenue	38,151	529	0	0	0	0
Interagency Revenue	4,901,184	5,101,475	5,912,286	5,932,038	5,932,038	5,932,038
Total Internal Revenues	4,939,335	5,102,004	5,912,286	5,932,038	5,932,038	5,932,038
Beginning Fund Balance	636,052	535,084	532,802	511,932	511,932	511,932
Total Resources	6,493,576	6,688,604	7,616,670	7,557,402	7,557,402	7,557,402
Requirements						
Personnel Services	1,816,138	1,704,858	1,828,222	1,808,429	1,808,429	1,808,429
External Materials and Services	2,984,226	3,195,061	3,828,093	3,775,064	3,775,064	3,775,064
Internal Materials and Services	702,065	707,272	708,871	735,274	735,274	735,985
Capital Outlay	94,411	133,173	156,015	322,500	322,500	322,500
Total Bureau Expenditures	5,596,840	5,740,364	6,521,201	6,641,267	6,641,267	6,641,978
Debt Service	117,424	128,235	147,195	158,092	158,092	158,092
Contingency	0	0	734,170	483,770	483,312	481,981
Fund Transfers - Expense	244,228	287,204	214,104	274,273	274,731	275,351
Total Fund Expenditures	361,652	415,439	1,095,469	916,135	916,135	915,424
Ending Fund Balance	535,084	532,801	0	0	0	0
Total Requirements	6,493,576	6,688,604	7,616,670	7,557,402	7,557,402	7,557,402

Fund Overview

The Printing & Distribution Services Operating Fund is an internal service fund established to account for Printing & Distribution Division revenues and expenditures. The division provides support services to all City bureaus, Multnomah County, Portland-area State of Oregon departments, and other local governmental agencies. Services include: traditional printing and binding, digital printing and pre-press services, variable data printing, reprographics and blueprints, the purchase and maintenance of copy machines, Citywide paper procurement and management, United States Postal Service mail processing, inserting, addressing, and delivering mail and supplies.

The main source of revenue is reimbursement from other City bureaus and outside agencies for services provided.

Managing Agency Office of Management & Finance, Bureau of Internal Business Services

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	0	200,000	100,000	0	0	0
Bond & Note	59,525,000	56,528,550	105,932,184	147,001,052	147,001,052	147,001,052
Miscellaneous	266	1,197	0	0	0	0
Total External Revenues	59,525,266	56,729,747	106,032,184	147,001,052	147,001,052	147,001,052
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	87,932	44,266	205,000	0	0	0
Total Resources	59,613,198	56,774,013	106,237,184	147,001,052	147,001,052	147,001,052
Requirements						
External Materials and Services	59,540,111	56,481,652	105,684,526	146,855,097	146,855,097	146,855,097
Total Bureau Expenditures	59,540,111	56,481,652	105,684,526	146,855,097	146,855,097	146,855,097
Debt Service	23,810	46,732	552,658	145,955	145,955	145,955
Fund Transfers - Expense	5,011	0	0	0	0	0
Total Fund Expenditures	28,821	46,732	552,658	145,955	145,955	145,955
Ending Fund Balance	44,266	245,629	0	0	0	0
Total Requirements	59,613,198	56,774,013	106,237,184	147,001,052	147,001,052	147,001,052

Fund Overview

The Special Finance and Resource Fund primarily accounts for urban renewal debt proceeds, in which both the liability and revenue are recorded with the City and a transfer is made to the Portland Development Commission (PDC). PDC is responsible for managing and expending the proceeds. In accordance with Oregon Revised Statutes, a debt service fund has been set up for each of the City's urban renewal areas. The servicing of the urban renewal debt that flows through this fund occurs in the various tax increment debt service funds.

In addition to urban renewal debt, this fund also accounts for other City-issued debt when necessary.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

The amounts in this fund will vary from year-to-year and is primarily driven by the capital financing needs of the Portland Development Commission and other City projects.

The FY 2016-17 Budget includes borrowing of about \$900,000 which reflects the estimated balance yet to be drawn on a \$1.4 million state loan, acquired in July 2014. The proceeds of the loan are passed through to the Columbia Corridor Drainage Districts Joint Contracting Authority to pay for costs associated with an engineering analysis to evaluate the condition of the levee system in Peninsula Drainage District No. 1 and No. 2 and develop preliminary engineering designs to remediate any deficiencies. The loan will be repaid by regional partners involved with the project, including the City. Repayment is not scheduled to begin until FY 2017-18.

The FY 2016-17 Budget also includes approximately \$16 million estimated to be drawn on a general fund secured and paid line of credit for River District Urban Renewal Area capital projects in accordance with an intergovernmental agreement entered into between the City and the Portland Development Commission.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Intergovernmental	6,261,016	6,462,712	7,014,290	7,544,290	7,544,290	8,174,290
Miscellaneous	218,289	217,143	212,320	1,704,061	1,704,061	1,704,061
Total External Revenues	6,479,305	6,679,855	7,226,610	9,248,351	9,248,351	9,878,351
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	46,366	52,335	4,000	0	0	0
Total Resources	6,525,671	6,732,190	7,230,610	9,248,351	9,248,351	9,878,351
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	6,473,336	6,675,032	7,226,610	9,248,351	9,248,351	9,878,351
Debt Service Reserves	0	0	4,000	0	0	0
Total Fund Expenditures	6,473,336	6,675,032	7,230,610	9,248,351	9,248,351	9,878,351
Ending Fund Balance	52,335	57,158	0	0	0	0
Total Requirements	6,525,671	6,732,190	7,230,610	9,248,351	9,248,351	9,878,351

Fund Overview

The Special Projects Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing special projects. Specifically, this fund accounts for the allocation of resources to pay principal and interest on bonded indebtedness related to financing of the Convention Center expansion project and improvements to the Portland Center for Performing Arts (PCPA).

The resources to pay the debt service on the Convention Center expansion and PCPA improvements are received from Multnomah County via the amended Visitor Facilities Intergovernmental Agreement.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

The City expects to repay, prior to the scheduled maturity, the outstanding balance on bonds issued to finance improvements to the PCPA. The resources for the early redemption will be provided by revenues generated via the Visitor Facilities Intergovernmental Agreement. Other changes in total repayments are based on the variation in the debt service structure.

Special Projects Debt Service Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2001 Series B						
02/13/2001 - Due 6/1	18,058,888					
		2016/17	1,749,000	5.14%	2,251,000	4,000,000
		2017/18	1,645,720	5.20%	2,354,280	4,000,000
		2018/19	1,549,480	5.25%	2,450,520	4,000,000
		2019/20	1,457,480	5.30%	2,542,520	4,000,000
		2020/21	1,031,250	5.33%	1,968,750	3,000,000
		2021/22	802,172	5.36%	1,672,828	2,475,000
		TOTAL	8,235,102		13,239,898	21,475,000
Limited Tax Revenue Refunding Bonds, 2011 Series A (Convention Center Completion Project)						
10/06/2011 - Due 6/1	67,015,000					
		2016/17	95,000	5.00%	3,286,000	3,381,000
		2017/18	160,000	5.00%	3,281,250	3,441,250
		2018/19	490,000	5.00%	3,273,250	3,763,250
		2019/20	860,000	5.00%	3,248,750	4,108,750
		2020/21	2,255,000	5.00%	3,205,750	5,460,750
		2021/22	3,005,000	5.00%	3,093,000	6,098,000
		2022/23	6,140,000	5.00%	2,942,750	9,082,750
		2023/24	6,445,000	5.00%	2,635,750	9,080,750
		2024/25	6,770,000	5.00%	2,313,500	9,083,500
		2025/26	7,115,000	5.00%	1,975,000	9,090,000
		2026/27	7,465,000	5.00%	1,619,250	9,084,250
		2027/28	7,840,000	5.00%	1,246,000	9,086,000
		2028/29	8,330,000	5.00%	854,000	9,184,000
		2029/30	8,750,000	5.00%	437,500	9,187,500
		TOTAL	65,720,000		33,411,750	99,131,750
Limited Tax Revenue Refunding Bonds, Series 2011 (PCPA)						
12/15/2011 - Due 6/1	1,315,000					
		2016/17	145,000	2.36%	18,290	163,290
		2017/18	155,000	2.36%	14,868	169,868
		2018/19	160,000	2.36%	11,210	171,210
		2019/20	155,000	2.36%	7,434	162,434
		2020/21	160,000	2.36%	3,776	163,776
		TOTAL	775,000		55,578	830,578
Proposed Call of the Limited Tax Revenue Refunding Bonds, Series 2011 (PCPA)						
Date - TBD						
		2016/17	630,000		0	630,000
		TOTAL	630,000		0	630,000
Limited Tax Revenue Bonds, Series 2006 (NMI)						
11/20/2006 - Due 6/1 & 12/1	2,500,000					
		2016/17	1,656,438	5.75%	47,624	1,704,061

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
TOTAL			1,656,438		47,624	1,704,061
COMBINED DEBT SERVICE						
	88,888,888					
		2016/17	4,275,438		5,602,914	9,878,351
		2017/18	1,960,720		5,650,398	7,611,118
		2018/19	2,199,480		5,734,980	7,934,460
		2019/20	2,472,480		5,798,704	8,271,184
		2020/21	3,446,250		5,178,276	8,624,526
		2021/22	3,807,172		4,765,828	8,573,000
		2022/23	6,140,000		2,942,750	9,082,750
		2023/24	6,445,000		2,635,750	9,080,750
		2024/25	6,770,000		2,313,500	9,083,500
		2025/26	7,115,000		1,975,000	9,090,000
		2026/27	7,465,000		1,619,250	9,084,250
		2027/28	7,840,000		1,246,000	9,086,000
		2028/29	8,330,000		854,000	9,184,000
		2029/30	8,750,000		437,500	9,187,500
TOTAL FUND DEBT SERVICE			77,016,540		46,754,849	123,771,389

Technology Services Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Charges for Services	27,318	177,809	245,612	272,188	272,188	272,188
Intergovernmental	5,102,589	5,220,453	4,072,083	4,079,535	4,079,535	4,079,535
Bond & Note	38,997	378,211	0	0	0	0
Miscellaneous	504,407	483,728	443,055	423,477	423,477	423,477
Total External Revenues	5,673,311	6,260,201	4,760,750	4,775,200	4,775,200	4,775,200
Fund Transfers - Revenue	373,157	71,724	422,040	0	0	0
Interagency Revenue	40,631,796	43,692,898	44,705,604	46,788,167	46,555,592	46,984,886
Total Internal Revenues	41,004,953	43,764,622	45,127,644	46,788,167	46,555,592	46,984,886
Beginning Fund Balance	30,265,673	23,696,318	23,001,460	14,735,519	14,735,519	15,834,199
Total Resources	76,943,937	73,721,141	72,889,854	66,298,886	66,066,311	67,594,285
Requirements						
Personnel Services	24,754,156	26,520,828	29,494,152	28,058,661	28,058,661	28,367,739
External Materials and Services	14,812,923	14,839,707	19,009,472	18,770,903	18,663,265	18,702,004
Internal Materials and Services	3,576,604	3,372,539	3,707,128	3,729,640	3,729,640	3,743,232
Capital Outlay	1,006,363	102,241	2,935,019	3,808,393	3,808,393	3,808,393
Total Bureau Expenditures	44,150,046	44,835,315	55,145,771	54,367,597	54,259,959	54,621,368
Debt Service	411,830	449,745	516,244	554,630	554,630	554,630
Contingency	0	0	15,636,462	8,993,085	8,864,452	10,026,003
Fund Transfers - Expense	8,685,743	5,434,621	1,591,377	2,383,574	2,387,270	2,392,284
Total Fund Expenditures	9,097,573	5,884,366	17,744,083	11,931,289	11,806,352	12,972,917
Ending Fund Balance	23,696,318	23,001,460	0	0	0	0
Total Requirements	76,943,937	73,721,141	72,889,854	66,298,886	66,066,311	67,594,285

Fund Overview

The Technology Services Fund provides technology support to all City bureaus and some non-City agencies. Fund activities are managed by the Bureau of Technology Services.

The fund's major source of revenue is service reimbursement transfers from City bureaus and outside agencies.

Managing Agency Office of Management & Finance, Bureau of Technology Services

Significant Changes from Prior Year

The fund's beginning fund balance for FY 2016-17 is less than the prior year for two reasons. A number of projects in FY 2014-15 were not completed, which resulted in an increase to the beginning fund balance. For FY 2016-17 the assumption is that all FY 2015-16 projects will be completed, thereby reducing that year's ending fund balance, and the following year's beginning fund balance. Technology Services included in the FY 2016-17 rates an additional major maintenance component to help cover the cost of Information Security projects. With that addition to major maintenance, the fund has sufficient resources to cover requirements for most FY 2016-17 capital improvement and operating projects. The FY 2016-17 budget adds \$2,000,000 and commits \$7,700,000 in funding through FY 2018-19 for the relocation of the data center currently located in the Portland Building.

	Actual FY 2013-14	Actual FY 2014-15	Revised FY 2015-16	Proposed FY 2016-17	Approved FY 2016-17	Adopted FY 2016-17
Resources						
Miscellaneous	365,608	394,276	238,262	311,668	311,668	311,668
Total External Revenues	365,608	394,276	238,262	311,668	311,668	311,668
Fund Transfers - Revenue	5,135	365	0	0	0	0
Interagency Revenue	3,365,820	3,716,990	3,925,198	4,313,045	4,313,045	4,313,045
Total Internal Revenues	3,370,955	3,717,355	3,925,198	4,313,045	4,313,045	4,313,045
Beginning Fund Balance	16,734,942	16,284,954	15,361,590	13,747,674	13,747,674	13,747,674
Total Resources	20,471,505	20,396,585	19,525,050	18,372,387	18,372,387	18,372,387
Requirements						
Personnel Services	1,056,627	1,093,336	1,314,478	1,247,068	1,247,068	1,247,068
External Materials and Services	2,325,478	3,073,808	3,638,988	3,543,161	3,543,161	3,543,161
Internal Materials and Services	595,508	637,963	606,390	597,535	597,535	599,394
Total Bureau Expenditures	3,977,613	4,805,107	5,559,856	5,387,764	5,387,764	5,389,623
Debt Service	60,523	66,095	75,868	81,484	81,484	81,484
Contingency	0	0	13,764,977	12,756,740	12,756,513	12,754,346
Fund Transfers - Expense	148,415	163,792	124,349	146,399	146,626	146,934
Total Fund Expenditures	208,938	229,887	13,965,194	12,984,623	12,984,623	12,982,764
Ending Fund Balance	16,284,954	15,361,591	0	0	0	0
Total Requirements	20,471,505	20,396,585	19,525,050	18,372,387	18,372,387	18,372,387

Fund Overview

The Workers' Compensation Self Insurance Operating Fund supports the City's self-insured workers' compensation program, including claims administration, and Citywide loss prevention and occupational health activities aimed at minimizing occupational injury and illness from work-related infectious diseases.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is derived from the annual actuarial study, which recommends a range of reserve levels needed to cover outstanding incurred liabilities. The range of estimates is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level which takes into account the interest the fund earns on the fund balance. The fund's reserves are currently forecasted at a discounted confidence level of 75%. Interagency revenues are projected on a five-year basis so that, by year five, the fund will arrive at the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

Managing Agency Office of Management & Finance, Bureau of Internal Business Services



Bureau of Development Services

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Special Projects								
Information Technology Advancement Project			Total Project Cost:		11,840,828		Area:	Citywide
Confidence:		High		Original Cost:		9,192,168		Objective: Replacement
Project Description								
The Information Technology Advancement Project (ITAP) includes replacement of the bureau's permitting and case tracking software (TRACS). The project is funded by license and permit fee revenues.								
Total Expenditures	2,296,044	5,723,344	3,021,103	0	0	0	0	3,021,103
Net Operations and Maintenance Costs			186,676	194,852	203,502	212,660	222,230	



Bureau of Environmental Services

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Maintenance and Reliability								
Alder: Buckman East Recon/Green Streets				Total Project Cost:	7,191,000		Area:	Southeast
Confidence:		Low		Original Cost:	7,191,000		Objective:	Replacement
Project Description								
Rehabilitate pipe segments that are in poor condition, upsize pipe segments, and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 189 properties. Located in SE, the area is generally bound by Stark, 29th, Hawthorne, and 14th. The project has a positive cost to benefit ratio (CBR) = 0.28. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	300,000	890,000	2,974,000	3,027,000	7,191,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder: Eastside Industrial Recon/Green Streets				Total Project Cost:	10,967,000		Area:	Southeast
Confidence:		Low		Original Cost:	10,967,000		Objective:	Replacement
Project Description								
Upsize pipe segments and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 146 properties. Located in SE, the area is generally bound by Madison, 10th, Sherman, and 6th. The project has a positive cost to benefit ratio (CBR) = 0.29. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	249,000	1,605,000	3,676,000	5,437,000	10,967,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder: Ladd's Addition South Recon/Green Streets				Total Project Cost:	4,668,000		Area:	Southeast
Confidence:		Low		Original Cost:	4,668,000		Objective:	Replacement
Project Description								
Construct improvements to rehabilitate pipe segments that are in poor condition, upsize pipe segments, and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 76 properties. The project area is generally bound by Market, 20th, Division, and 12th in SE Portland. The project has a positive cost to benefit ratio (CBR) = 0.20. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	234,000	554,000	1,972,000	2,760,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder: Sunnyside East Recon/Green Streets				Total Project Cost:	4,390,000		Area:	Southeast
Confidence:		Low		Original Cost:	2,879,000		Objective:	Replacement
Project Description								
Construct improvements to upsize pipe segments, and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 90 properties. Located in SE Portland, the project area is generally bound by Stark, 45th, Taylor, and 37th. Some scope and budget transferred from E10367 Sunnyside North. The project has a positive cost to benefit ratio (CBR) = 0.56. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	282,097	365,000	2,200,000	1,500,000	0	0	0	3,700,000
Net Operations and Maintenance Costs			0	0	7,000	7,000	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Alder: Sunnyside North Recon/Green Streets			Total Project Cost:		8,975,000		Area: Southeast	
Confidence:		Low		Original Cost:		11,255,000		Objective: Replacement
Project Description								
Construct improvements to rehabilitate pipe segments in poor condition, upsize pipe segments, and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 318 properties. Located in SE Portland, the project area is generally bound by Stark, 37th, Taylor, and 20th. This project must be completed prior to Sunnyside South. Some scope and budget moved to E10370 Sunnyside East. The three projects have a combined positive cost to benefit ratio (CBR) = 0.18. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	139,854	809,000	500,000	4,000,000	3,000,000	0	0	7,500,000
Net Operations and Maintenance Costs			0	0	0	20,000	20,000	
Alder: Sunnyside South Recon/Green Streets								
Total Project Cost:			6,567,000		Area: Southeast			
Confidence:		Low		Original Cost:		6,567,000		Objective: Replacement
Project Description								
Construct improvement to upsize pipe segments and install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 204 properties. Located in SE Portland, the project area is generally bound by Taylor, 45th, Hawthorne, and 29th. The project has a positive net benefit to cost ratio (nBCR) = 0.47. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	265,000	845,000	2,773,000	3,883,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Beech Essex CP-K								
Total Project Cost:			1,469,000		Area: Northeast			
Confidence:		Low		Original Cost:		1,469,000		Objective: Replacement
Project Description								
Construct approximately 1,540 linear feet of new pipe ranging in size from 12" to 30" to relieve basement flooding in a 33-acre project area of NE Portland generally bound by Russell, Vancouver, Thompson, and Borthwick. The project has a positive cost to benefit ratio (CBR) = 0.41. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	305,000	1,164,000	0	1,469,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Beech-Essex CP-J								
Total Project Cost:			7,572,000		Area: Northeast			
Confidence:		Low		Original Cost:		7,572,000		Objective: Replacement
Project Description								
Reduce the risk of basement back up to 351 parcels by constructing 11,800 linear feet of new capacity pipe and replace 3,700 linear feet of pipe in poor condition. Located in N/NE Portland, the project area is generally bound by Fargo, 7th, Sacramento, and Williams. The project has a positive cost to benefit ratio (CBR) = 0.51. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	58,000	916,000	974,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Burlingame Basin Infiltration and Inflow			Total Project Cost:		13,950,000		Area:	Southwest
	Confidence:	Low		Original Cost:	13,950,000		Objective:	Maintenance & Repair
Project Description								
Reduce the stormwater flow into the sanitary sewers and eliminate sanitary sewer overflows in the Burlingame basin. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	5,697,965	3,436,000	1,100,000	1,070,000	2,650,000	1,000,000	2,000,000	7,820,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Capital Maintenance - Non-Process Facilities			Total Project Cost:		Ongoing		Area:	Citywide
	Confidence:	Low		Original Cost:	11,250,000		Objective:	Maintenance & Repair
Project Description								
This program is for capital maintenance of BES-owned non-process facilities including the Water Pollution Control Lab, administration buildings at the treatment plants, and downtown office space. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	547,745	1,000,000	680,000	975,000	1,500,000	2,000,000	500,000	5,655,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Combined Sewer Overflow Pressure Relief			Total Project Cost:		1,048,295		Area:	West
	Confidence:	Low		Original Cost:	1,020,000		Objective:	Efficiency
Project Description								
The completed Willamette combined sewer overflow system is susceptible to hydraulic transients or pressure waves that can cause geysers well above ground level, causing public safety risks and damage to sewer and surrounding structures. This project will construct transient relief structures at the two remaining susceptible locations. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	198,295	300,000	750,000	100,000	0	0	0	850,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fanno Basin System Improvement			Total Project Cost:		82,600,000		Area:	Southwest
	Confidence:	High		Original Cost:	59,179,424		Objective:	Replacement
Project Description								
This group of projects will repair, replace, and expand the conveyance system in the Fanno Basin in SW Portland. Remaining work elements include expansion of the pump station and improvements to the main gravity sewer. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	70,429,718	6,092,000	1,100,000	0	0	0	0	1,100,000
Net Operations and Maintenance Costs			0	320,000	320,000	320,000	320,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Large Diameter Sewer Rehabilitation				Total Project Cost:	39,400,000		Area:	Citywide
	Confidence:	Low		Original Cost:	39,400,000		Objective:	Maintenance & Repair
Project Description								
This program will perform spot and whole pipe rehabilitation of large diameter (> 36 inches) sanitary and combined sewers that are currently in poor structural condition. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,843	1,000,000	600,000	1,350,000	1,470,000	3,700,000	6,000,000	13,120,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Maintenance Capital - Construction				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Moderate		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The sewage and drainage collection systems develop structural and capacity problems as development occurs and the system ages. This program addresses small deficiencies in the collection system using city maintenance crews and equipment. Individual activities are determined in response to problems identified by inspection and field investigations during the course of the year. Examples of work performed under this project include trash rack replacement, culvert replacement, sump and sediment manhole construction, manhole replacement, large spot repairs and small reconstructions, diversion modifications, deep underground repairs, and single-block sewer replacements. Project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	21,922,641	230,000	240,000	240,000	240,000	240,000	240,000	1,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Maintenance Capital - Contract				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Low		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The Maintenance Capital-Contract program supports privately-contracted maintenance repair and reconstruction projects throughout the collection system. Due to the age of much of the inventory, structural failures or near failures, localized flooding, and hydraulic capacity problems often occur during the year. Many of these are discovered through the routine sewer inspection program. During any given fiscal year, subprojects are prioritized based on the criticality and condition of the facility and the need to protect public health and property. The project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	78,960,583	2,800,000	3,000,000	3,000,000	3,000,000	3,500,000	4,000,000	16,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - NWN: Slabtown Sewer Replacement				Total Project Cost:	11,150,000		Area:	Northwest
	Confidence:	Low		Original Cost:	11,150,000		Objective:	Replacement
Project Description								
This project is a reconfiguration of portions of previously programmed work in Northwest Neighborhoods. The project is specifically targeted at the Conway Master Plan redevelopment area. Pipes in this area are typically 100-year old clay and under capacity. The project will increase pipe capacity to address risk of sewer backups to 67 properties between NW 13th and 21st and Pettygrove and Savier. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	194,854	0	7,000,000	2,600,000	0	0	0	9,600,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NWN: Central Tanner								
	Confidence:		Low	Total Project Cost:		10,216,000	Area:	Northwest
				Original Cost:		10,216,000	Objective:	Replacement
Project Description								
Replace 9,300 linear feet of existing 100- to 120-year old clay combined sewer pipes with larger pipes to increase hydraulic capacity in the area generally bound by NW Overton, 11th, Kearny, and 21st. Project will reduce the risk of street flooding at 35 locations and basement sewer backup risk to 112 parcels. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	100,000	0	300,000	900,000	2,000,000	4,000,000	7,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NWN: Far North Nicolai								
	Confidence:		High	Total Project Cost:		5,956,000	Area:	Northwest
				Original Cost:		3,770,000	Objective:	Replacement
Project Description								
This project constructs approximately 8,000 linear feet of pipe ranging in size from 8" to 30" to relieve basement sewer backups and address pipe condition and hydraulic capacity problems. Located in NW Portland, the project area is generally bound by Reed, Hwy 30, Thurman, and 28th. The project has a positive cost to benefit ratio (CBR) = 1.04. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	625,505	4,500,000	4,200,000	0	0	0	0	4,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NWN: NW Thurman St Sewer								
	Confidence:		Low	Total Project Cost:		2,604,000	Area:	Northwest
				Original Cost:		2,542,000	Objective:	Replacement
Project Description								
Upsize 3,100 linear feet of existing 100-year combined sewer pipes to increase hydraulic capacity in the vicinity of NW Savier, Franklin, and Thurman. Project will reduce the risk of street flooding at 16 locations and basement sewer backup risk to 35 parcels. Timing of project is in response to six reported basement sewer backups since 2008. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	185,000	240,000	1,600,000	579,000	0	2,604,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Owner Controlled Insurance Program Phase 4								
	Confidence:		Moderate	Total Project Cost:		5,000,000	Area:	Citywide
				Original Cost:		3,850,000	Objective:	Efficiency
Project Description								
Owner controlled insurance program for all construction projects over \$0.5 million. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,547,949	500,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Phase 2 Pipe Rehabilitation	Total Project Cost:			126,000,000		Area:		Citywide
	Confidence:	Moderate	Original Cost:		123,000,000		Objective:	Maintenance & Repair
Project Description								
This program includes structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. The pipes have been prioritized based on business risk exposure so that the pipes with the highest benefit (risk reduction) to cost ratios are to be done first. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	72,623,213	32,252,000	32,800,000	11,830,000	1,190,000	0	0	45,820,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Pipe Rehabilitation Phase 3	Total Project Cost:			155,250,000		Area:		Citywide
	Confidence:	Low	Original Cost:		155,250,000		Objective:	Maintenance & Repair
Project Description								
This project includes structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. This project is an outgrowth of the Phase 2 program. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,158,750	3,121,000	7,784,000	18,395,000	31,485,000	25,085,000	22,126,000	104,875,000
Net Operations and Maintenance Costs			0	0	0	0	0	
SE Interceptor Rehabilitation	Total Project Cost:			14,200,000		Area:		Southeast
	Confidence:	Low	Original Cost:		8,322,000		Objective:	Maintenance & Repair
Project Description								
This project rehabilitates two sections of the SE Interceptor and will be constructed in two phases over multiple fiscal years: 2,038 linear feet of 72-in by 74-in horseshoe monolithic concrete sewer constructed in 1954, located at a depth of 41 to 53 feet, from the intersection of SE Grand and Pine north to NE Davis and west in NE Davis to NE 3rd; and 1,330 lineal feet of 66 inch x 54 inch at a depth of approximately 30 feet located between SE Caruthers and SE 12th. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	674,275	3,500,000	500,000	3,500,000	0	0	0	4,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Small Urgent Capacity Projects	Total Project Cost:			Ongoing		Area:		Citywide
	Confidence:	Low	Original Cost:		Ongoing		Objective:	Replacement
Project Description								
Program to address combined sewer capacity in areas where property owners have reported basement sewer backups and are outside of the boundary of a project currently in the Capital Improvement Program (CIP). Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	100,000	500,000	500,000	500,000	500,000	2,100,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Stark HSS-17				Total Project Cost:	13,242,000		Area:	Southeast
Confidence:	Low			Original Cost:	13,242,000		Objective:	Replacement
Project Description								
Replace pipes in poor structural condition and relieve street flooding and the risk of basement sewer backups to 304 properties in an area generally bound by NE Everett, SE/NE 32nd, SE Stark, and SE 21st. Replace 400 linear feet of poor condition pipe, upsize 10,500 linear feet of hydraulically deficient pipe, and construct new green street facilities to collect stormwater runoff from approximately 21 acres of impervious area. The project has a positive cost to benefit ratio (CBR) = 0.47. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	1,005,000	1,305,000	2,310,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Structural Rehab Taggart Outfall 30				Total Project Cost:	14,805,000		Area:	Southeast
Confidence:	Low			Original Cost:	14,805,000		Objective:	Maintenance & Repair
Project Description								
This project includes structural rehabilitation of the Taggart Outfall, a 1906 combined sewer. The sewer ranges in size from 64 to 118 inches in diameter at depths of 20 to 65 feet. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,160,641	650,000	1,630,000	7,250,000	4,000,000	0	0	12,880,000
Net Operations and Maintenance Costs			0	0	0	0	0	
TGD: Richmond Neighborhood Recon/Green Streets				Total Project Cost:	4,662,000		Area:	Southeast
Confidence:	Low			Original Cost:	4,514,000		Objective:	Replacement
Project Description								
This project rehabilitates approximately 1,300 feet of pipe in poor condition, upsize pipe segments and install street stormwater controls to relieve street flooding and basement sewer backup for 143 properties. Located in SE, the area is generally bound by Hawthorne, 48th, Division, and 36th. The project has a positive cost to benefit ratio (CBR) = 0.13. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	160,000	0	0	625,000	1,930,000	2,042,000	4,597,000
Net Operations and Maintenance Costs			0	0	0	0	0	
TGD: SE Hawthorne Recon/Green Streets				Total Project Cost:	6,545,000		Area:	Southeast
Confidence:	High			Original Cost:	2,216,000		Objective:	Replacement
Project Description								
This project combines E08671 and E08668 into a single construction project. Located in SE Portland, one area is generally bound by Madison, 41st, Clay, and 50th; the other is bound by Yamhill, 46th, Main, and 49th. Together the projects will rehab 4,813 linear feet of pipe, install 28 stormwater facilities, plant 277 trees, and relieve basement backup risk to 111 parcels and street flooding at 21 manholes. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,512,195	4,500,000	2,200,000	50,000	50,000	0	0	2,300,000
Net Operations and Maintenance Costs			0	0	0	10,000	10,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
TGD: SE Powell Recon/Green Streets				Total Project Cost:	5,600,000		Area:	Southeast
Confidence:	High			Original Cost:	7,026,000		Objective:	Replacement
Project Description								
This project reconstructs approximately 5,300 linear feet of pipe including 1,790 LF in poor condition and 3,130 LF with inadequate capacity, and 365 LF of sewer extensions. This project also constructs 50 vegetated stormwater infiltration facilities. This project is a combination of three prior projects. Located in SE, there are two project areas generally bound (1) between Taggart and 7th and Rhone and 15th and (2) between 24th and 25th and Cora and Reynolds. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	998,648	3,800,000	3,700,000	92,000	90,000	0	0	3,882,000
Net Operations and Maintenance Costs			0	0	0	10,000	10,000	
Tryon SS Protection 1A TCWTP to Hwy 43				Total Project Cost:	4,200,000		Area:	Undetermined
Confidence:	Moderate			Original Cost:	1,900,000		Objective:	Replacement
Project Description								
Upgrade the Tryon Creek Sewer from the Tryon Creek wastewater treatment plant approximately 1,850 feet upstream into Tryon Creek State Park. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,174,791	1,000,000	1,000,000	1,700,000	0	0	0	2,700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Wheeler WHE-04				Total Project Cost:	9,445,000		Area:	Northeast
Confidence:	Low			Original Cost:	10,016,000		Objective:	Replacement
Project Description								
Construct improvements to relieve street flooding and basement sewer backups in an area generally bound by NE Brazee, NE 7th, NE San Rafael, and the Willamette River. The project will reduce the risk of basement sewer backup to 247 properties. The project has a positive cost to benefit ratio (CBR) = 1.18. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	120,172	300,000	515,000	4,000,000	4,200,000	0	0	8,715,000
Net Operations and Maintenance Costs			0	0	0	0	5,000	
Sewage Treatment Systems								
NEW - Alder Pump Station Upgrade				Total Project Cost:	4,977,946		Area:	Southeast
Confidence:	Moderate			Original Cost:	4,880,000		Objective:	Replacement
Project Description								
This project originated in the Pump Station Improvement Program. Upgrade the pump station for projected future flows, and to integrate the pump station operation into the eastside CSO system operation. The project will also replace all mechanical, electrical, and controls equipment. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	687,946	0	1,430,000	2,860,000	0	0	0	4,290,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
CBWTP Biogas Utilization				Total Project Cost:	10,900,000		Area:	North
Confidence:	Low			Original Cost:	5,584,000		Objective:	Efficiency
Project Description								
Construct a facility to beneficially reuse the remaining unused methane gas that is a bi-product of the treatment process. This project is expected to pay for itself over a 10 to 20 year period. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	531,409	6,704,000	950,000	8,550,000	0	0	0	9,500,000
Net Operations and Maintenance Costs			0	0	0	(50,000)	(50,000)	
CBWTP Dewatering Improvements				Total Project Cost:	15,481,000		Area:	Citywide
Confidence:	Low			Original Cost:	15,481,000		Objective:	Efficiency
Project Description								
The 2010 Columbia Boulevard Wastewater Treatment Plant Facilities Plan recommends improvements to the existing dewatering process to increase capacity and eliminate process bottlenecks. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	511,000	817,000	3,676,000	5,105,000	4,084,000	14,193,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Digester Improvements				Total Project Cost:	470,000		Area:	North
Confidence:	High			Original Cost:	470,000		Objective:	Maintenance & Repair
Project Description								
Several small improvements to the digester complex, primarily to fully integrate the new digesters with the older digesters at CBWTP. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	163,333	470,000	270,000	0	0	0	0	270,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CBWTP Headworks Screens Improvements				Total Project Cost:	9,805,000		Area:	North
Confidence:	Low			Original Cost:	9,805,000		Objective:	Replacement
Project Description								
Replace the five existing bar screens in the Headworks with screens of smaller openings to protect the downstream processes. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	98,000	384,000	705,000	3,910,000	3,899,000	8,996,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
CBWTP Lagoon Reconstruction				Total Project Cost:	31,874,121		Area:	North
Confidence:	High			Original Cost:	19,539,000		Objective:	Mandated
Project Description								
Construct additional dikes in the existing lagoon to create more separation. The individual ponds will be lined with a monofill. Two separate phases are programmed in the 5-year CIP. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	20,784,121	3,300,000	2,740,000	2,900,000	4,700,000	640,000	110,000	11,090,000
Net Operations and Maintenance Costs			0	0	0	0	50,000	
NEW - CBWTP Organic Waste Receiving Facility				Total Project Cost:	4,838,000		Area:	North
Confidence:	Low			Original Cost:	4,838,000		Objective:	Efficiency
Project Description								
Construct a facility to accept organic waste (commercial food wastes, fats, oils, and grease) and process the waste in the anaerobic digesters to produce biogas at the CBWTP. The biogas can be converted to renewable energy-electricity, heat, or vehicle fuel. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	63,000	235,000	245,000	2,776,000	1,519,000	4,838,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Outfall Diffusers				Total Project Cost:	2,169,000		Area:	North
Confidence:	Low			Original Cost:	2,169,000		Objective:	Replacement
Project Description								
Extend the existing wet weather outfall diffuser to alleviate sediment accumulation in outfall pipe. Funded by bond proceeds repaid by sanitary and stormwater rates.								
Total Expenditures	0	100,000	200,000	200,000	1,300,000	0	0	1,700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CBWTP RAS Piping Upgrade				Total Project Cost:	5,275,000		Area:	North
Confidence:	Low			Original Cost:	5,275,000		Objective:	Replacement
Project Description								
Replacement of the return activated sludge (RAS) piping, diameters range from 12 to 30 inch. The pipes are more than 40 years old and experiencing increasing rate of failure resulting in the need for emergency repairs. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	100,000	584,000	404,000	2,085,000	3,173,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
CBWTP Reuse System Replacement				Total Project Cost:	3,950,000		Area:	North
Confidence:	Low			Original Cost:	3,950,000		Objective:	Replacement
Project Description								
Replace the reuse water system, installed in 1996, to provide reliable reuse treatment capacity at CBWTP. Upgrade the deep well pump controls and integrate them with the reuse system controls providing more consistent water supply and pressure for plant processes. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	414,000	420,000	834,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Secondary Treatment Expansion				Total Project Cost:	62,802,000		Area:	North
Confidence:	Low			Original Cost:	62,802,000		Objective:	Mandated
Project Description								
Expand secondary treatment capacity at the CBWTP to provide reliable treatment for BOD and TSS consistent with the NPDES permit for operating the plant. The project will add two new secondary clarifiers per the recommended phasing in the 1995 Facilities Plan and 2009 update. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	200,000	2,000,000	2,000,000	13,000,000	17,000,000	34,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Inverness Pump Station Force Main				Total Project Cost:	10,030,000		Area:	Citywide
Confidence:	Low			Original Cost:	10,030,000		Objective:	Replacement
Project Description								
This multi-phase project will first address deficiencies in the 24-inch force main, re-direct flow from the 36-inch force main, and then address deficiencies in the 36-inch line. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	94,000	401,000	2,533,000	1,610,000	726,000	5,364,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Pump Station Improvements				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
This is a continuing program to refurbish or upgrade pump stations that are not in compliance with present codes, are not operating in a reliable manner, need improvements because of growth in the receiving sewage basin, and/or are over 20 years old with out-of-date equipment. The approved Pump Station Improvement Plan guides the selection of projects. The City currently operates and maintains 98 pump stations. This program was developed to ensure these facilities are maintained in accordance with a scheduled plan to increase pump station reliability, reduce or avoid increases in maintenance costs, and avoid failures that could cause sewage to bypass to waterways. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	68,406,447	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	5,000,000	21,000,000
Net Operations and Maintenance Costs			5,000	5,000	5,000	5,000	5,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Repair, Rehabilitation, and Modification				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Moderate		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
The Repair, Rehabilitation, and Modifications program is to protect capital investments and to enhance system reliability at the Columbia and Tryon Creek sewage treatment facilities. It provides for best management practices to prevent violations of the NPDES permit. Both treatment plants are aging facilities and require regular repair, rehabilitation, and modifications. This program facilitates rapid and practical replacement of capital equipment and upgrade of aging facilities. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	59,645,621	2,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
TCWTP Headworks Improvements				Total Project Cost:	38,524,000		Area:	Southwest
	Confidence:	Low		Original Cost:	38,524,000		Objective:	Replacement
Project Description								
The TCWTP Facilities Plan Update has identified needed improvements to bring the headworks process up to current treatment and efficiency standards, increase peak flow hydraulic capacity, community needs, and an opportunity to improve the plant hydraulic profile. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	82,098	1,000,000	2,000,000	7,000,000	12,000,000	14,000,000	3,000,000	38,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
TCWTP Secondary Process Improvements				Total Project Cost:	6,160,000		Area:	Southwest
	Confidence:	Low		Original Cost:	6,160,000		Objective:	Maintenance & Repair
Project Description								
Improve TCWTP secondary process treatment performance and reliability to ensure that current NPDES permit requirements and future Willamette Basin water quality standards are met. The timing of this project is dependent upon other improvements under E10582. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	200,000	780,000	2,220,000	2,910,000	0	0	5,910,000
Net Operations and Maintenance Costs			0	0	0	10,000	10,000	
Surface Water Management								
Columbia Slough Outfalls				Total Project Cost:	24,708,000		Area:	Northeast
	Confidence:	Low		Original Cost:	24,708,000		Objective:	Mandated
Project Description								
This program is for construction of pollution controls for separated stormwater areas flowing through 220 city-owned Columbia Slough stormwater outfalls. The program focuses on the highest priority outfalls – those draining the most city-owned impervious area. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	656,857	581,000	3,025,000	408,000	2,078,000	1,817,000	2,000,000	9,328,000
Net Operations and Maintenance Costs			0	0	5,000	8,000	10,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Culvert Replacement Phase 2				Total Project Cost:	4,430,000		Area:	Citywide
Confidence:	Moderate			Original Cost:	3,800,000		Objective:	Replacement
Project Description								
Replace the two remaining culverts in Crystal Springs Creek in support of watershed health goals and commitments under the Endangered Species Act. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,521,129	2,000,000	2,000,000	0	0	0	0	2,000,000
Net Operations and Maintenance Costs			0	0	2,000	2,000	2,000	
NEW - Culverts Phase 3				Total Project Cost:	14,400,000		Area:	Citywide
Confidence:	Low			Original Cost:	14,400,000		Objective:	Replacement
Project Description								
Third phase of culverts replacements, consisting of five individual projects, to be constructed over multiple fiscal years. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	50,000	50,000	50,000	0	150,000
Net Operations and Maintenance Costs			0	0	0	0	0	
FT: Beaverton Hillsdale Hwy				Total Project Cost:	4,052,257		Area:	Southwest
Confidence:	Low			Original Cost:	1,040,000		Objective:	Replacement
Project Description								
Construct stormwater treatment facilities to control flow and pollutants flowing into Fanno Creek from the 2.6 mile section of Beaverton-Hillsdale Hwy between SW Sunset and 65th Ave. Pollutants targeted for removal will be total suspended solids and phosphorous. This project will significantly address the City's regulatory obligation under the TMDL and benefit native cutthroat trout found in Fanno Creek. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	268,257	479,000	500,000	500,000	1,000,000	1,000,000	784,000	3,784,000
Net Operations and Maintenance Costs			0	0	0	8,000	8,000	
FT: Boones Ferry Culvert				Total Project Cost:	3,410,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	1,669,000		Objective:	Replacement
Project Description								
Replace the Boones Ferry Culvert on Tryon Creek to increase capacity and provide fish passage. The project will include channel enhancement work to control the grade of the creek and protect streambanks and will protect an exposed 18-inch sewer line crossing the creek approximately 145 feet upstream of the culvert. In addition to limiting fish passage, the pipe is also in need of repair and it does not convey water consistent with BES stormwater design manual standards. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	540,229	237,000	500,000	2,000,000	0	0	0	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
FT: Drainage Shoulder Improvements			Total Project Cost:		4,622,460		Area:	Southwest
Confidence:		Low		Original Cost:		4,932,000		Objective: Replacement
Project Description								
Convert high priority City maintained roadside ditches to swales in the Fanno and Tryon Creek watersheds. Up to 60,000 feet of roadside ditches will be converted to swales to manage stormwater runoff from impervious roadway and adjacent development. These priority roads were identified in the Fanno/Tryon Water Quality and TMDL Pre-Design. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	200,000	102,000	511,000	1,033,000	1,021,000	1,021,000	3,688,000
Net Operations and Maintenance Costs			0	0	0	5,000	10,000	
FT: Jackson Middle School Creek Daylight								
Total Project Cost:			1,709,397		Area:		Southwest	
Confidence:		Low		Original Cost:		1,435,000		Objective: Replacement
Project Description								
Daylight a segment of Falling Creek and provide stormwater treatment for 100,000 square feet of impervious area. The project will help to restore riparian and floodplain habitat conditions. Project involves extensive coordination with Portland Schools and Portland Parks and Recreation. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	59,397	173,000	1,136,000	514,000	0	0	0	1,650,000
Net Operations and Maintenance Costs			0	0	0	0	0	
FT: SW 45th Ave Culvert								
Total Project Cost:			1,701,534		Area:		Southwest	
Confidence:		Moderate		Original Cost:		610,000		Objective: Replacement
Project Description								
Construct a replacement for the 45th Ave culvert on Fanno Creek to increase capacity and provide fish passage. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	267,279	148,000	1,115,000	0	0	0	0	1,115,000
Net Operations and Maintenance Costs			0	0	0	0	0	
FT: Water Quality Facility 2								
Total Project Cost:			869,395		Area:		Southwest	
Confidence:		Low		Original Cost:		869,395		Objective: Replacement
Project Description								
Construct four water quality facilities: two in Fanno Creek receiving stormwater runoff from nearly 14 acres and two in Tryon Creek receiving stormwater runoff from 35 acres. The Fanno Creek facilities will be located along Beaverton-Hillsdale Hwy. The Tryon facilities will be located along Barbur Blvd near SW 35th and north of I-5 near SW 30th. These facilities will improve water quality and provide flow attenuation. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	278,000	278,000	72,000	0	628,000
Net Operations and Maintenance Costs			0	0	0	0	10,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Green Infrastructure: Land Acquisition				Total Project Cost: 23,850,000			Area:	Citywide
	Confidence:	Moderate		Original Cost: 30,509,900			Objective:	Efficiency
Project Description								
This program is focused on protection and restoration of Portland's rivers and watersheds reflecting City Council's vision of how Portland should reduce the City's stormwater footprint. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	19,399,985	2,000,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: River Mile 9.6 Floodplain Restoration				Total Project Cost: 1,300,000			Area:	Southeast
	Confidence:	Low		Original Cost: 2,000,000			Objective:	Expansion
Project Description								
Previously named Community Restoration Partnership. Provide floodplain restoration on multiple parcels along Johnson Creek near river mile 9.6. Approximately 9.5 acres of floodplain will be restored to reduce flooding, and improve water quality and ESA habitat. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	199,476	100,000	200,000	800,000	20,000	20,000	0	1,040,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: Brunkow				Total Project Cost: 1,600,000			Area:	Southeast
	Confidence:	Low		Original Cost: 768,000			Objective:	Efficiency
Project Description								
Floodplain, wetland, and riparian restoration per the 2001 Johnson Creek Restoration Plan. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	20,443	200,000	100,000	370,000	0	0	0	470,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: Freeway Land Floodplain Restoration				Total Project Cost: 8,630,000			Area:	Southeast
	Confidence:	Low		Original Cost: 9,587,000			Objective:	Efficiency
Project Description								
Approximately 100 acres are required south of SE Foster Road to manage the 10-year nuisance flood and provide fish and wildlife habitat along approximately 1.5 miles of Johnson Creek. This project addresses the portion of the nuisance flood footprint on Freeway Land Company - the western portion of the 100 acres. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	86,101	50,000	0	50,000	100,000	100,000	100,000	350,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
JC: Johnson Creek Willing Seller Phase 2				Total Project Cost:	40,000,000			Area: Southeast
	Confidence:	Moderate			Original Cost:	40,000,000	Objective:	Efficiency
Project Description								
Acquisition of properties in four target areas of high value for floodplain restoration. The properties are land banked until enough contiguous property has been acquired to proceed with restoration. Program allows residents in high risk areas to sell their property at fair market, creates projects that increase flood storage and conveyance capacity while enhancing fish and wildlife habitat, and creates wetlands and passive recreation activities. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	5,886,341	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: Oxbow								
			Total Project Cost:	1,235,000			Area: Southeast	
	Confidence:	Low			Original Cost:	1,396,000	Objective:	Replacement
Project Description								
Improvements to increase flood storage and improve habitat at the Johnson Creek Oxbow. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	178,531	185,000	300,000	500,000	10,000	0	0	810,000
Net Operations and Maintenance Costs			0	0	0	0	3,000	
JC: Springwater Wetland								
			Total Project Cost:	2,892,000			Area: Southeast	
	Confidence:	Low			Original Cost:	535,000	Objective:	Expansion
Project Description								
Mitigate damage from flooding greater than the 10-year event and provide water quality and habitat benefits by restoring existing wetlands in the area. Passive recreational trails/facilities will be incorporated and coordinated with Portland Parks and Recreation. Funded by US Army Corps of Engineers and bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	393,384	100,000	128,000	657,000	0	0	0	785,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Oaks Bottom Culvert Replacement								
			Total Project Cost:	4,348,275			Area: Southeast	
	Confidence:	Moderate			Original Cost:	6,695,000	Objective:	Replacement
Project Description								
Replace a 60" culvert and restore off-channel habitat. Project elements include a new box culvert or bridge; regrading, clearing and grubbing of channel; some channel excavation; cedar boles; and re-introduction of native vegetation and management of invasive noxious weeds. Funded by the US Army Corps of Engineers and bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,322,759	90,000	200,000	1,900,000	0	0	0	2,100,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Stephens Creek Ph 1 Improvements				Total Project Cost:	13,650,000		Area:	Southwest
Confidence:	Low			Original Cost:	13,650,000		Objective:	Efficiency
Project Description								
Address stormwater issues in the Stephens Creek subwatershed: (1) unmanaged stormwater discharge from existing impervious surfaces; (2) pollution reduction and detention of stormwater; (3) restoration of ecological functions of riparian and wetland areas; and (4) energy dissipation at outfalls causing erosion and excess sediment loading. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	189,609	383,000	822,000	1,744,000	572,000	2,011,000	3,011,000	8,160,000
Net Operations and Maintenance Costs			0	0	0	0	10,000	
Watershed Investment Program				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	Efficiency
Project Description								
This program funds watershed enhancements. Priority is given to projects that leverage other funding sources and/or address multiple watershed health goals. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	6,216,079	1,520,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Net Operations and Maintenance Costs			5,000	5,000	10,000	10,000	10,000	
Watershed Land Acquisition Program				Total Project Cost:	15,500,000		Area:	Citywide
Confidence:	Low			Original Cost:	15,500,000		Objective:	Efficiency
Project Description								
Program targets the acquisition of 100 to 200 acres over five years to protect medium to high functioning natural resources in support of watershed health and stormwater management. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	9,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Systems Development								
Drainage Improvement				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Low			Original Cost:	Ongoing		Objective:	Expansion
Project Description								
The Drainage Improvement Project (DIP) provides assistance to projects initiated through Local Improvement District (LID) or Public Works Permits processes for oversizing of storm drainage facilities or upgrading of existing public downstream drainage systems. Oversizing increases capacity over the expected useful life of the facilities. It may also be used for small, urgent stormwater improvements. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	6,280,983	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Party Sewers								
	Confidence:	Low		Total Project Cost:	Ongoing		Area:	Citywide
				Original Cost:	Ongoing		Objective:	Efficiency
Project Description								
This program addresses existing "party sewers" – shared private sewer lines crossing private property (often without appropriate easements) or existing within the right-of-way. These sewers are older and generally have not been maintained. Over several years, this project will provide each property owner with direct access to a municipal sewer line or ensure that the property has acquired an easement for a separated private line. Most of the construction costs up to a capped amount will be reimbursed by property owners to the City through an LID assessment or through an in lieu of assessment line charge. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	9,476,085	2,000,000	2,000,000	1,795,000	1,000,000	1,000,000	1,000,000	6,795,000
Net Operations and Maintenance Costs			0	0	0	0	0	
PBOT Interagency Reimbursement								
	Confidence:	Low		Total Project Cost:	Ongoing		Area:	Citywide
				Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This program provides for stormwater facility and sanitary sewer design, design review, and construction inspection services associated with street improvement projects initiated by PBOT. PBOT requests necessary services and reimburses BES for all costs of these services through an interagency agreement.								
Total Expenditures	17,911,143	350,000	350,000	350,000	350,000	350,000	350,000	1,750,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Permit Reimbursement								
	Confidence:	Low		Total Project Cost:	Ongoing		Area:	Citywide
				Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This project allows a developer to be reimbursed for making public sewer available to another property, per City Code Title 17. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,440,539	45,000	250,000	45,000	45,000	45,000	45,000	430,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Public Works Permit Projects								
	Confidence:	Low		Total Project Cost:	Ongoing		Area:	Southeast
				Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This ongoing, full-cost recovery project supports new development by providing for new public sewer system facilities through the public works permitting process. When proposed development creates the need for additional sewer system facilities, private developers are required to construct those facilities under this program. As part of the permit process, BES reviews and approves both plans and final construction for compliance with system standards. Facilities developed through this process are accepted as part of the City's sewerage system when completed and approved and thereafter maintenance and repair are provided by the City. Facilities must be developed to system standards in order to ensure that expensive future maintenance problems and service failures do not occur. All bureau costs are reimbursed by the developer.								
Total Expenditures	31,327,326	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Sewer Easements on Existing Sewers				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Low			Original Cost:	Ongoing		Objective:	Replacement
Project Description								
This project is for high priority sewer easement acquisition for existing sewers. The bureau regularly discovers locations where collection system assets are on private property without benefit of appropriate easements or other property interests. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	55,571	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Sewer Extensions for High Risk Septic				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Low			Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This program will fund several projects for construction of numerous small sanitary sewer extension projects to provide sanitary sewer service to developed residential properties with septic systems. Projects will be prioritized based on risk. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	122,861	200,000	100,000	100,000	1,000,000	100,000	100,000	1,400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
SW Terwilliger Blvd Sanitary Sewer Extension				Total Project Cost:	3,485,776		Area:	Southwest
Confidence:	Moderate			Original Cost:	3,368,000		Objective:	Expansion
Project Description								
Eliminate the failing private pump station at Terwilliger and Powers by constructing approximately 6,400 feet of 8-inch gravity sanitary sewer from the existing pump station to a connection with the 30-inch concrete sewer near Hwy 43. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	638,226	250,000	2,595,000	205,000	0	0	0	2,800,000
Net Operations and Maintenance Costs			0	0	0	0	0	



Portland Fire & Rescue

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Acquisitions								
Apparatus Replacement				Total Project Cost:	21,020,000		Area:	Citywide
	Confidence:	High		Original Cost:	19,800,000		Objective:	Replacement
Project Description								
This project provides for the replacement of Portland Fire & Rescue's emergency response apparatus. In November 2010, the citizens of Portland approved a general obligation bond in the amount of \$72.4 million, of which \$19.8 million is dedicated to fire apparatus replacement. The bond proceeds were the primary funding source for the replacement of fire apparatus through FY 2015-16. Frontline fire engines and trucks are replaced after 15 years, or 120,000 miles, and then are kept in reserve status for an additional five years. The FY 2015-16 budget funded the procurement of two brush units and completed the payments for three ladder trucks, two air light rehab units and nine engines. Funding sources include \$19.8 million in bond proceeds and \$1.22 million in federal grants.								
Total Expenditures	1,359,000	13,666,392	1,698,249	0	0	0	0	1,698,249
Net Operations and Maintenance Costs			0	0	0	0	0	



Bureau of Fire & Police Disability & Retirement

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Maintenance and Reliability								
Database Capital Improvements				Total Project Cost:		583,382	Area:	Citywide
	Confidence:	Complete		Original Cost:		412,250	Objective:	Replacement
Project Description								
The rebuild of Fire & Police Disability & Retirement's (FPDR) FoxPro database in SQL server was completed in FY 2012-13. All expenses charged to this project in FY 2013-14 and beyond are for capital improvements to the new database. Capital expenses are estimated at \$35,000 to \$55,000 per year for the life of the forecast. The funding source for this project is the dedicated FPDR property tax levy.								
Total Expenditures	309,581	80,320	46,000	20,000	20,000	20,000	20,000	126,000
Net Operations and Maintenance Costs			36,427	45,000	49,000	51,000	51,000	



Office of Management & Finance

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
BTS								
Cherwell Capability Expansion				Total Project Cost:	696,401		Area:	Citywide
	Confidence:	Moderate		Original Cost:	50,000		Objective:	Expansion
Project Description								
This project will continue the BTS Support Center's build-out of the Cherwell Help Desk system, adding the following capabilities: automated password reset, pre-populate Avaya customer information, remote-control management tool integration, mobile device management integration, build-out workflows for business processes, templates, dashboards and reports, and ticket quality matrix. This expansion of functionality will assist the Help Desk in being more effective in servicing customers and enabling them to serve themselves. Funding for this project will be from technology reserves.								
Total Expenditures	425,101	91,300	180,000	0	0	0	0	180,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Comm Center Data Center Remediation								
				Total Project Cost:	705,000		Area:	Citywide
	Confidence:	Low		Original Cost:	705,000		Objective:	Growth
Project Description								
The BTS Comm Center has power issues that have resulted in lack of full power redundancy for existing equipment and a lack of power capacity that will prevent additional equipment from being installed. The lack of redundancy exposes critical production systems to risk of an outage. This project will upgrade the Comm data center environment to have disparate and redundant power paths through at least two generators and UPS systems to provide dual power paths to all equipment within the room. Cooling systems will be powered so that the failure of any one leg of power will not reduce cooling capacity below the required minimum for the equipment. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	0	445,000	90,000	170,000	0	705,000
Net Operations and Maintenance Costs			0	10,000	10,000	10,000	10,000	
Critical Security Controls Framework								
				Total Project Cost:	650,000		Area:	Southeast
	Confidence:	Moderate		Original Cost:	650,000		Objective:	Mandated
Project Description								
This project will put into place an Information Security Framework to ensure compliance with various federal, state, local and industry rules, policies, regulations, and laws. This is required to ensure that the City has suitable cyber defenses to protect against unauthorized access of infrastructure and data. Existing mandates of compliance include but are not limited to the Payment Card Industry (PCI), Federal Tax Information (FTI), Criminal Justice Information Security (CJIS), Health Insurance Portability and Accountability Act (HIPPA), Oregon Identity Theft Protection Act, etc. This project will be funded with bureau technology reserves.								
Total Expenditures	0	341,664	250,000	40,000	45,000	45,000	50,000	430,000
Net Operations and Maintenance Costs			0	150,000	150,000	150,000	150,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Data Center Colocation				Total Project Cost:	N/A		Area:	Citywide
Confidence:	Low			Original Cost:	N/A		Objective:	Replacement
Project Description								
This project is a duplicate and will be merged with the Data Center Move and Disaster Recovery project during a FY 2016-17 supplemental budget.								
Total Expenditures	0	100,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Data Center Move and Disaster Recovery				Total Project Cost:	9,700,000		Area:	Citywide
Confidence:	Low			Original Cost:	9,700,000		Objective:	Replacement
Project Description								
The City's primary data center currently resides in the Portland Building. The Portland Building's anticipated renovation has resulted in a need to move the data center to an appropriate co-location facility to ensure continuity of operations. This project will also allow for BTS to partner with a vendor outside of the region, providing BTS with disaster recovery facilities that can protect identified critical systems and data. This project will be funded through interagency agreements based on bureau use of the data center.								
Total Expenditures	0	0	2,000,000	6,000,000	1,700,000	0	0	9,700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Enterprise Mobility Infrastructure				Total Project Cost:	686,200		Area:	Citywide
Confidence:	Low			Original Cost:	87,500		Objective:	Efficiency
Project Description								
This phase of Enterprise Mobility includes a pilot project and implementation of mobile data management to manage the City's non-Windows 10 mobile devices. This will include work necessary for building out BTS capabilities with Netmotion to make it available Citywide. It also includes work supporting Police mobility to fully license the infrastructure to support smart phones and tablets in the Police Bureau to Criminal Justice Information Services (CJIS) Security Policy standards. Funding for this project will be from technology reserves.								
Total Expenditures	0	96,768	379,500	104,800	104,800	4,800	4,800	598,700
Net Operations and Maintenance Costs			86,775	69,275	69,275	49,275	49,275	
Enterprise Net. Tech. Refresh				Total Project Cost:	3,828,686		Area:	Citywide
Confidence:	Moderate			Original Cost:	2,913,500		Objective:	Replacement
Project Description								
This CIP establishes a six-year lifecycle replacement program for network switch and router equipment, providing a technology refresh for the City's computer network infrastructure. This project is funded by interagency agreement revenues.								
Total Expenditures	2,614,386	300,000	218,800	118,800	108,900	108,900	358,900	914,300
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
IRNE Const. - Fiber				Total Project Cost:	1,045,655		Area:	Citywide
Confidence:	High			Original Cost:	742,906		Objective:	Expansion
Project Description								
Place fiber optic cable bank to bank in bore buried under Willamette river, providing earthquake survivability of the Integrated Regional Network Enterprise (IRNE) by creating an eastside/westside connection not associated with an on-bridge placement. In addition, continue construction of fiber optic extensions to the IRNE system. This project is funded by interagency agreement revenues.								
Total Expenditures	627,952	157,703	104,583	65,000	65,000	65,000	65,000	364,583
Net Operations and Maintenance Costs			0	0	0	0	0	
IRNE Net. Tech. Refresh				Total Project Cost:	2,807,775		Area:	Citywide
Confidence:	Moderate			Original Cost:	653,316		Objective:	Replacement
Project Description								
This project includes capital and lifecycle improvements to the existing Integrated Regional Network Enterprise (IRNE) infrastructure. Work includes capacity upgrades and end-of-life equipment replacement. Upgrades are needed in order to provide the capacity to meet current and future IRNE and wide area network bandwidth requirements and maintain reliability, functionality and vendor support. This project is funded by interagency revenues.								
Total Expenditures	827,635	705,140	1,000,000	75,000	75,000	75,000	75,000	1,300,000
Net Operations and Maintenance Costs			25,000	25,000	25,000	25,000	25,000	
IRNE Voice System Tech. Refresh				Total Project Cost:	2,765,999		Area:	Citywide
Confidence:	Moderate			Original Cost:	2,766,000		Objective:	Replacement
Project Description								
This Telecomm project includes the migration from, and ultimate retirement of, Lucent 5ESS as the primary voice switch. It also includes the migration to Avaya Communication Manager PBX, establishment of fault-tolerant architecture, and enhanced connectivity to Public Switched Telephone Network. Funding for this project will be from technology reserves.								
Total Expenditures	0	583,509	1,200,000	491,245	491,245	0	0	2,182,490
Net Operations and Maintenance Costs			0	0	0	0	0	
Microwave Radio Upgrades for Spur Sites				Total Project Cost:	625,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	625,000		Objective:	Replacement
Project Description								
BTS upgraded the main microwave loop with Aviat Eclipse radios. This project will upgrade the spur microwave links to an internet protocol (IP) based Eclipse radio with TDM (T1 - fiber optic line for digital transmission service) capabilities. There is a need for more IP bandwidth at sites, and this will help to improve BTS capabilities to provide it. This also allows for easier maintenance of the system by putting it all on a single platform. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	250,000	125,000	125,000	125,000	0	625,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Mobile Application Management				Total Project Cost:	342,600		Area:	Citywide
	Confidence:	Moderate		Original Cost:	125,000		Objective:	Efficiency
Project Description								
This project establishes a Mobile Applications platform that will allow BTS to deliver mobile applications to City customers. The Citywide IT strategic plan identifies mobility as one of the highest priority initiatives. This platform will allow for standards based development, maintenance and consistent support across the enterprise. This project will be funded with bureau technology reserves.								
Total Expenditures	0	25,000	225,000	54,400	54,400	54,400	54,400	442,600
Net Operations and Maintenance Costs			0	15,000	15,000	15,000	15,000	
Radio Site Video Security Monitoring				Total Project Cost:	225,000		Area:	Southeast
	Confidence:	Moderate		Original Cost:	225,000		Objective:	Efficiency
Project Description								
This project will install remote controllable video monitoring equipment at Technology Services radio sites. BTS radio sites are located as far away as Vancouver and Mt. Hood. The addition of video monitoring equipment will allow for remote (as opposed to on-site) monitoring in response to alarms, providing views of both site perimeters as well as building interiors. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	0	75,000	75,000	75,000	0	225,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Remote Antenna Testing and Monitoring				Total Project Cost:	75,000		Area:	Southeast
	Confidence:	Low		Original Cost:	75,000		Objective:	Replacement
Project Description								
This project will install sensors in 800 MHz radio antenna systems to allow Technology Services to test and monitor the antenna systems at sites without taking them offline. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	0	75,000	0	0	0	75,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Replace Symantec Secure Web Gateways				Total Project Cost:	400,000		Area:	Citywide
	Confidence:	High		Original Cost:	38,000		Objective:	Replacement
Project Description								
This project will upgrade the BTS internet filtering system to prevent malicious software (malware) as well as restrict inappropriate access. In addition, this project will allow BTS to replace two Symantec secure web gateways in use in the Portland Police Bureau (PPB). Symantec Web Gateways are a City standard technology and are critical to aid in protecting the Police network from malware and other threats on the web. The devices protect the PPB from toxic web site access and from incoming malware embedded in web traffic. Funding for this project will be from technology reserves.								
Total Expenditures	0	100,000	0	0	0	300,000	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Replace Telecomm Management System				Total Project Cost:	323,393		Area:	Southeast
Confidence:	Moderate			Original Cost:	294,000		Objective:	Replacement
Project Description								
This project replaces StellarRad with a comprehensive and forward-looking Telecomm Management System. This system will serve to organize and streamline customer support and delivery processes, and will automate financial accounting functions. This project will be funded with bureau technology reserves.								
Total Expenditures	1,609	294,000	321,784	0	0	0	0	321,784
Net Operations and Maintenance Costs			0	0	0	0	0	
SAN Storage Expansion				Total Project Cost:	8,557,360		Area:	Citywide
Confidence:	Low			Original Cost:	4,751,326		Objective:	Expansion
Project Description								
Provide increased capacity of centralized storage and enterprise backup to meet demand from projects and existing data growth. Funding for this project will be from technology reserves.								
Total Expenditures	4,260,554	761,429	726,800	566,400	1,286,400	446,400	626,400	3,652,400
Net Operations and Maintenance Costs			48,960	48,960	48,960	30,960	30,960	
Smart Card Technology				Total Project Cost:	300,000		Area:	Southeast
Confidence:	Low			Original Cost:	300,000		Objective:	Expansion
Project Description								
This project is to implement Smart Card technology which will provide for dual authentication for mobile devices such as laptops and tablets. Smart Card technology would further secure sensitive City functions in compliance with Payment Card Industry (PCI), Personally Identifiable Information (PII), federal, state and local laws and regulations. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	0	100,000	100,000	50,000	50,000	300,000
Net Operations and Maintenance Costs			0	20,000	20,000	20,000	20,000	
VHF and 700 MHz NSPAC Repeater				Total Project Cost:	600,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	600,000		Objective:	Efficiency
Project Description								
This project will install interoperable repeaters on VHF frequencies and 700 MHz frequencies at BTS radio sites. As the capabilities of radios have improved, there has been increased demand from City and non-City agencies for VHF and 700 MHz repeaters to support regional interoperable communications. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	175,000	175,000	125,000	125,000	0	600,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Wireless Network Expansion				Total Project Cost:	838,282		Area:	Citywide
Confidence:	Moderate			Original Cost:	240,000		Objective:	Expansion
Project Description								
Deploy WiFi network coverage in the Portland Building, 1900 Building, City Hall, and other facilities with a six-year replacement plan and funding model. Replace of existing secure and public Wi-Fi access points and expansion of secure and public Wi-Fi network coverage throughout the Police Bureau with a five-year replacement plan and funding model. This project is funded by interagency revenues.								
Total Expenditures	341,307	0	159,375	134,400	134,400	34,400	34,400	496,975
Net Operations and Maintenance Costs			0	0	0	0	0	
CityFleet								
NEW - Bureau of Development Services Replacement				Total Project Cost:	152,064		Area:	Citywide
Confidence:	High			Original Cost:	152,064		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Bureau of Development Services. This project is funded by interagency revenues.								
Total Expenditures	0	0	40,229	0	0	111,835	0	152,064
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Fire Bureau Replacement				Total Project Cost:	1,864,472		Area:	Citywide
Confidence:	High			Original Cost:	1,864,472		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Fire Bureau. This project is funded by interagency revenues.								
Total Expenditures	0	0	558,034	301,981	295,546	133,364	575,547	1,864,472
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Golf Replacement				Total Project Cost:	1,372,761		Area:	Citywide
Confidence:	High			Original Cost:	1,372,761		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for Golf. This project is funded by interagency revenues.								
Total Expenditures	0	0	41,561	232,742	565,177	105,477	427,804	1,372,761
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Office of Management and Finance Replacement				Total Project Cost:	1,359,097		Area:	Citywide
Confidence:	High			Original Cost:	1,359,097		Objective:	Replacement
Project Description								
Scheduled vehicle and equipment replacement for several divisions in the Office of Management & Finance including Printing & Distribution, Bureau of Technology Services, CityFleet, and Facilities Services. This project is funded by interagency revenues.								
Total Expenditures	0	0	211,562	332,309	405,401	203,153	206,672	1,359,097
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Parks Replacement				Total Project Cost:	6,529,484		Area:	Citywide
Confidence:	High			Original Cost:	6,529,484		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Parks Bureau. This project is funded by interagency revenues.								
Total Expenditures	0	0	2,090,262	1,727,475	645,581	985,704	1,080,462	6,529,484
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - PBOT Replacement				Total Project Cost:	14,469,960		Area:	Citywide
Confidence:	High			Original Cost:	14,469,960		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for Portland Bureau of Transportation. This project is funded by interagency revenues.								
Total Expenditures	0	0	4,681,193	2,480,936	3,121,119	2,476,047	1,710,665	14,469,960
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Police Replacement				Total Project Cost:	17,483,670		Area:	Citywide
Confidence:	High			Original Cost:	17,483,670		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Portland Police Bureau. The project is funded by interagency revenues.								
Total Expenditures	0	0	3,170,600	4,270,923	1,693,783	4,433,004	3,915,360	17,483,670
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Replace and Construct Fueling Stations				Total Project Cost:	13,620,155			Area: Central City
Confidence:	Low			Original Cost:	13,620,155			Objective: Replacement

Project Description

Based on results from a recently completed Citywide project ranking process, the City of Portland has identified a need to replace aging fueling system infrastructure at five locations across the city. These locations include SW First and Jefferson garage, Interstate Yard, Mt Tabor Yard, Columbia Blvd Wastewater Treatment Plant, and Penumbra Kelly Building. The total cost of these replacements is estimated at \$9.7 million (low confidence). Additionally, the Bureau of Emergency Management has identified a need to increase emergency preparedness by developing fueling sites on the west side of the Willamette and east of Highway 205. These projects are estimated at \$3.9 million (low confidence). The program will be funded through cash received from the General Fund in FY 2014-15 (\$1.2M) and a debt financing (\$12.4M).

Total Expenditures	511,986	4,506,719	1,383,934	8,278,110	3,446,125	0	0	13,108,169
Net Operations and Maintenance Costs			0	0	0	0	0	

Citywide Projects

Enterprise Asset Management Pilot				Total Project Cost:	1,600,000			Area: Citywide
Confidence:	Moderate			Original Cost:	1,600,000			Objective: Efficiency

Project Description

This is a pilot project for an integrated Asset Management solution, which includes the implementation of the SAP Plant Maintenance (Work Order System) and Flexible Real Estate modules. The Facilities Services assets will be the pilot of the functionality. Implementation of the functionality will leverage the investment in SAP by saving money on external individual applications and improve efficiency by bringing all city facilities data into SAP. This project is funded by interagency revenues.

Total Expenditures	0	0	1,600,000	0	0	0	0	1,600,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Radio System Replacement				Total Project Cost:	43,350,948			Area: Citywide
Confidence:	Optimal			Original Cost:	45,197,000			Objective: Replacement

Project Description

This project covers the study, development and eventual replacement of the 800 MHz Radio System, and assumes no inclusion of Regional and/or State participation. A sustainment plan is under development; net operations and maintenance costs will be determined as part of this process. Sources of funding for this project include the General Fund and funds from the Public Safety GO Bond sales.

Total Expenditures	27,855,489	14,306,756	2,472,732	0	0	0	0	2,472,732
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Facilities								
NEW - Daycare Center Relocation								
				Total Project Cost:	387,248		Area:	Southwest
	Confidence:	High		Original Cost:	387,248		Objective:	Replacement
Project Description								
This project relocates the City's child development/care center from the Portland Building to a larger space on the first floor of the Crown Plaza Building at 1500 SW First Avenue, where the City has signed a ten year lease. The project constructs tenant improvements, a large portion of which the landlord is paying for. The project will be completed prior to the Portland Building reconstruction project's construction work starting to ensure the continued provision of daycare services. The project is funded through an improvement allowance from the property owner, Facilities Services Operating Fund reserves, and one-time interagency charges to tenant bureaus in the Portland Building, City Hall, and the 1900 Building.								
Total Expenditures	0	0	387,428	0	0	0	0	387,428
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Kelly Building Lighting Upgrade								
				Total Project Cost:	38,560		Area:	East
	Confidence:	Moderate		Original Cost:	38,560		Objective:	Sustainability
Project Description								
Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will replace interior and exterior incandescent lighting, exterior HIDs, and interior and garage fluorescent lighting at the Kelly Building with high-performance LEDs. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.								
Total Expenditures	0	0	37,560	0	0	0	0	37,560
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Kerby Garage Upgrade Interior Lighting								
				Total Project Cost:	62,733		Area:	North
	Confidence:	Moderate		Original Cost:	62,733		Objective:	Sustainability
Project Description								
Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will replace approximately 200 fluorescent light fixtures in Kerby Garage with energy-efficient LEDs and add controls in areas not in use 24 hours a day, 7 days a week. This project is funded through major maintenance. Facilities collects major maintenance funds from Fleet each fiscal year and maintains a reserve balance on their behalf for major maintenance projects.								
Total Expenditures	0	0	61,733	0	0	0	0	61,733
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - North Precinct - Install Solar Panels			Total Project Cost:		269,376		Area: North	
Confidence:		Moderate		Original Cost:		269,376		Objective: Sustainability
Project Description								
This project will install solar panels at North Precinct in order to increase energy efficiency. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.								
Total Expenditures	0	0	266,241	0	0	0	0	266,241
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - North Precinct Parking Lot Lighting Upgrade								
Total Project Cost:			52,426		Area: Northeast			
Confidence:		Moderate		Original Cost:		52,426		Objective: Sustainability
Project Description								
Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will upgrade existing parking lot lighting at North Precinct to more energy efficient LEDs. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.								
Total Expenditures	0	0	46,566	0	0	0	0	46,566
Net Operations and Maintenance Costs			0	0	0	0	0	
PCC Roof Project and Seismic Upgrades								
Total Project Cost:			4,091,519		Area: Southeast Maintenance			
Confidence:		Moderate		Original Cost:		2,976,210		Objective: & Repair
Project Description								
This project will provide structural upgrades throughout the entire facility to bring it to current seismic code for a essential facility status. It will replace select HVAC and UPS units and address structural requirements to support replaced units. The project replaces select portions of the roof and building envelope to address historic leaking issues. This project has three funding components: a cash transfer from the Bureau of Emergency Communication, the PCC major maintenance component of the building's rental rate, and a General Fund Capital Set-aside award.								
Total Expenditures	94,887	2,950,719	3,935,133	0	0	0	0	3,935,133
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - PCC Upgrade Exterior Lighting								
Total Project Cost:			20,430		Area: Southeast			
Confidence:		Moderate		Original Cost:		20,430		Objective: Sustainability
Project Description								
Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will replace 22 high intensity discharge light fixtures outside of the Portland Communications Center with energy-efficient LEDs. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.								
Total Expenditures	0	0	19,430	0	0	0	0	19,430
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - PCC Upgrade Interior Lighting				Total Project Cost:		38,560		Area: Southeast
	Confidence:	Moderate		Original Cost:		38,560		Objective: Sustainability

Project Description

Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will replace existing fluorescent lighting in the Portland Communications Center with energy-efficient LEDs. It will also add controls to the lobby area to shut down lights when not in use. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.

Total Expenditures	0	0	37,560	0	0	0	0	37,560
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Police Training - Columbia Slough Trail				Total Project Cost:		100,000		Area: Northeast
	Confidence:	Moderate		Original Cost:		100,000		Maintenance-Preservation

Project Description

This project will use major maintenance funding to install a pedestrian trail at the rear of the Police Training Complex along the Columbia Slough. The Columbia Slough Watershed Council will determine the preferred approach for installation sometime in 2016.

Total Expenditures	0	0	0	100,000	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Portland Building Reconstruction Project				Total Project Cost:		195,000,000		Area: Southwest
	Confidence:	Moderate		Original Cost:		195,000,000		Maintenance-Preservation

Project Description

In October 2015, Council approved Resolution #37158 in which OMF was directed to complete the Portland Building Reconstruction project by the year 2020 for a cost not to exceed \$195 million. This project is funded using \$10,450,083 in cash, and \$184,549,917 in debt financing.

Total Expenditures	0	0	12,772,356	51,262,356	48,778,869	57,921,406	21,741,682	192,476,669
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Providence Park Roof Replacement				Total Project Cost:		500,000		Area: Southwest
	Confidence:	Moderate		Original Cost:		500,000		Objective: Replacement

Project Description

This project will replace half of the facility roof at Providence Park, which was not included in the earlier renovation projects that occurred in the last 15 years. The project is funded by the annual repair budget from the SVVAF fund.

Total Expenditures	0	0	0	500,000	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - RVS- Interior/Exterior Lighting Upgrade			Total Project Cost:		94,410	Area: Northwest		
Confidence: Moderate			Original Cost:		94,410	Objective: Sustainability		

Project Description

Facilities resource management has identified a number of sustainability projects for FY 2016-17. This project will replace parking lot and building light fixtures with energy efficient LEDs at the Police Rivergate vehicle storage facility. This project is funded through the major maintenance component of the rental rate charged to tenants of the building.

Total Expenditures	0	0	83,857	0	0	0	0	83,857
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - VMC Roof Replacement			Total Project Cost:		2,500,000	Area: Central City		
Confidence: Moderate			Original Cost:		2,500,000	Objective: Replacement		

Project Description

This project will replace the VMC roof as a needed improvement to the facility. The VMC suffers from significant deferred maintenance and has not seen capital investment since the original construction over 60 years ago. Repair needs are addressed on an urgency and public safety basis with the roof replacement occurring FY 2016-17. The project is funded by the annual repair budget from the SVVAF fund.

Total Expenditures	0	0	2,500,000	0	0	0	0	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Acquisitions								
Central City Park Acquisition				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Moderate		Original Cost:		Ongoing	Objective:	GRO: New
Project Description								
SDC funded park acquisition program in the Central City area. Funded by System Development Charges.								
Total Expenditures	0	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Net Operations and Maintenance Costs			716	738	761	783	806	
Non Central City Park Acquisitions Program								
				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Moderate		Original Cost:		Ongoing	Objective:	GRO: New
Project Description								
SDC funded park acquisition program in the non-Central City area. Funded by System Development Charges.								
Total Expenditures	0	500,000	725,000	500,000	500,000	500,000	500,000	2,725,000
Net Operations and Maintenance Costs			595	612	630	649	668	
Buildings & Pools								
NEW - Alberta Park Restroom Upgrades				Total Project Cost:		136,600	Area:	Northeast
				Original Cost:		136,600	Objective:	Maintenance & Repair
Project Description								
Renovate east and west restrooms in Alberta Park. West needs new roof, fixtures, general repair. East needs roof repair, fixtures. Replaces CIP 2286, projects were split out. Include new gutters, downspouts. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	0	0	136,600	136,600
Net Operations and Maintenance Costs			0	0	0	0	0	
Bloomington Park Restroom								
				Total Project Cost:		421,842	Area:	East
	Confidence:	High		Original Cost:		426,383	Objective:	Replacement
Project Description								
Renovate the existing restroom. Demolish walls and partitions and reconfigure interior spaces to provide ADA-compliant restrooms; preserve storage closet; provide new plumbing, drainage system and ADA-compliant fixtures; and reconfigure roof drainage system. Improve amount of natural light to the interior if possible. Replace steep path between the playground and SE Steele; repair other ADA non-compliant path-of-travel issues; replace curb ramp at SE Steele to be compliant. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	170,553	144,693	106,596	0	0	0	251,289
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Capital Equipment Reserve				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance-Preservation
Project Description	Funds for replacement of specialized park equipment and machinery. Funded through an allocation from the Portland Parks & Recreation operating budget.							
Total Expenditures	401,334	0	199,000	99,000	99,000	99,000	99,000	595,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Cathedral Park Restroom Renovation				Total Project Cost:	351,000		Area:	North
	Confidence:	Moderate		Original Cost:	351,000		Objective:	Maintenance & Repair
Project Description	Replace main structural beams that are rotting, replace lights, faucet, sink with energy efficient fixtures. Funded with the bureau's General Fund major maintenance allocation.							
Total Expenditures	0	0	0	0	0	0	351,000	351,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Colonel Summers Park Loo				Total Project Cost:	810,887		Area:	Southeast
	Confidence:	High		Original Cost:	717,468		Objective:	Growth
Project Description	Add a Portland Loo. Work with stakeholders to determine the new location and disposition of the existing restroom building. Provide water, electrical and sanitary sewer systems to serve the new Loo. Funded by general obligation bonds, passed in November 2014.							
Total Expenditures	122	0	286,987	251,114	272,664	0	0	810,765
Net Operations and Maintenance Costs			0	0	0	17,500	17,500	
Computer Hardware Equipment Reserve				Total Project Cost:	297,000		Area:	Citywide
	Confidence:	High		Original Cost:	297,000		Objective:	Maintenance-Preservation
Project Description	Reserve for purchase of information technology hardware. Funded by prior year allocations from Portland Parks & Recreation operating budget.							
Total Expenditures	198,339	0	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Couch Park Loo				Total Project Cost:	577,388		Area:	Northwest
Confidence:	High			Original Cost:	577,388		Objective:	Growth
Project Description								
Add a Portland Loo near the existing restroom building. Convert the existing restroom to maintenance and recreation support functions only. Extend water, electrical, and sanitary sewer systems to serve new Loo. Correct ADA deficiencies in the pavement immediately surrounding the restroom building and Loo. Refer to the Couch Park Playground project for ADA path-of-travel corrections to NW Glisan and NW Hoyt. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	230,955	57,739	288,694	0	0	0	346,433
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Creston Pool Drop Slide Replacement				Total Project Cost:	101,250		Area:	Southeast
Confidence:	High			Original Cost:	101,250		Objective:	Replacement
Project Description								
Drop slides are in poor condition, and have been patched numerous times. Stairs are rusting and falling apart. Will need to be removed by Summer 2016 if not replaced. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	101,250	0	0	0	0	101,250
Net Operations and Maintenance Costs			0	0	0	0	0	
Ed Benedict Park Loo				Total Project Cost:	633,800		Area:	East
Confidence:	High			Original Cost:	633,800		Objective:	Growth
Project Description								
Improve restroom options near the skatepark facility. Work with stakeholders to determine the best solution, whether it be adding a new Loo, upgrading existing restrooms, or adding a Loo to another park that currently has none. Plumbing to the SE 102nd Ave. restroom needs to be upsized to a larger line size. If a new Loo is the preferred option, then this project will need to provide water, electrical, and sanitary sewer systems to serve it. Funded by general obligation bonds passed in November 2014.								
Total Expenditures	0	0	31,927	255,416	346,457	0	0	633,800
Net Operations and Maintenance Costs			0	0	0	17,500	17,500	
Glenwood Park Restroom				Total Project Cost:	391,488		Area:	East
Confidence:	High			Original Cost:	395,678		Objective:	Replacement
Project Description								
Renovate existing restroom. Reconfigure interior spaces to add square footage to the ADA stall. Renovate floor in ADA stall to slope to drain within ADA tolerances. Enlarge drain and check trap, replace siding. Provide fully accessible path from SE 89th by repairing three sections of ADA non-compliant asphalt paving. Add natural light to the interior if possible. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	59,352	134,297	197,839	0	0	0	332,136
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Grant Pool Mechanical System				Total Project Cost:	1,681,998		Area:	Northeast
Confidence:	High			Original Cost:	1,526,023		Objective:	Replacement
Project Description								
Replace outdated mechanical systems. The pool's mechanical systems date to the 1920s and 1940s, and require replacement. The FY 2015-16 Adopted Budget funds an overhaul of the pool's mechanical systems, including all plumbing: pumps, motors, pipes, strainer baskets, chemical controllers, sanitation systems (including a new UV system to reduce chlorine use), DDC control system, and sand filters. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	1,857	1,526,023	155,975	0	0	0	0	155,975
Net Operations and Maintenance Costs			0	0	0	0	0	
Major Maintenance				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	High			Original Cost:	Ongoing		Objective:	Maintenance-Preservation
Project Description								
The funding addresses capital maintenance projects with an ongoing budget appropriation. Current budget includes funding held for emergency projects in FY 2015-16 and an allocation for ADA maintenance projects starting in 2016. Funded with General Fund major maintenance allocation.								
Total Expenditures	1,077,780	554,471	881,686	425,553	582,630	439,979	340,828	2,670,676
Net Operations and Maintenance Costs			0	0	0	0	0	
Matt Dishman CC Pool Replaster				Total Project Cost:	839,914		Area:	Northeast
Confidence:	High			Original Cost:	843,472		Objective:	Maintenance & Repair
Project Description								
Replace pool plaster and deteriorating whirlpool. This project will include replastering deteriorating pool plaster, and addressing hollow locations behind plaster and cracks in subsurface of pool floor. The whirlpool spa is leaking 1,000 gallons of water a day. The existing spa needs to be completely rebuilt, including concrete foundation, and mechanical systems including piping, filters, chemical controllers, chlorine systems, and an adding UV system. Funded by general obligation bonds passed in November 2014.								
Total Expenditures	0	400,649	439,265	0	0	0	0	439,265
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Matt Dishman Pool Filter Replacement				Total Project Cost:	198,000		Area:	Northeast
Confidence:	High			Original Cost:	198,000		Objective:	Replacement
Project Description								
Pool filters are past their useful life and failing. Internal mechanics have been replaced twice over the last 15 years and recent assessment found that the filters are in danger of imminent failure, which would close the pool. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	198,000	0	0	0	0	198,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Minor/Major Maintenance Sidewalk Repair				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	High	Original Cost:		Ongoing	Objective:		Maintenance & Repair
Project Description								
Repair sidewalks where needed. Funded by General Fund major maintenance allocation.								
Total Expenditures	333,444	0	100,000	100,000	100,000	100,000	100,000	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Montavilla Pool Drop Slide Replacement								
				Total Project Cost:		101,250	Area:	Northeast
	Confidence:	High	Original Cost:		101,250	Objective:		Replacement
Project Description								
Drop slides are in poor condition, and have been patched numerous times. Stairs are rusting and falling apart. Will need to be removed by Summer 2016 if not replaced. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	101,250	0	0	0	0	101,250
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Park Summit Restroom								
				Total Project Cost:		623,984	Area:	Southeast
	Confidence:	High	Original Cost:		676,474	Objective:		Replacement
Project Description								
Restore summit restrooms. Replace plumbing and electrical systems, gut interiors and provide new partitions, finishes, fixtures, and paint. Repair or replace sewer line. Upgrade lighting. Provide a new roof and seismic upgrades. Bring to complete ADA accessibility standards. Restore exterior façade, and unblock and replace windows as necessary. Improve exterior path and landscape by removing existing asphalt paving and providing fully-accessible path from Harvey Scott Drive. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	270,590	67,647	285,747	0	0	0	353,394
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Yard Maintenance Facility								
				Total Project Cost:		7,543,625	Area:	Southeast
	Confidence:	High	Original Cost:		7,490,145	Objective:		Replacement
Project Description								
Construct new shop space on east side of the Mt. Tabor yard. This project will remove the Community Gardens office building and existing substandard shop and storage buildings; build a new 21,600 square foot shop and office facility for the electric, paint, welding, fencing, facilities maintenance and carpentry shops. Provide storm-water, sanitary, water and lighting that service the new building. Abate any hazardous materials encountered during demolition and construction. Provide temporary quarters for impacted programs during construction, and provide building shell retrofits for relocated programs. Review and solve main water line supply problem if possible during this phase of work. Provide a new fire hydrant and electric vehicle charging station. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	2,371,879	1,052,166	4,119,580	0	0	0	5,171,746
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Mt. Scott Community Center Roof Repair				Total Project Cost:	2,570,000		Area:	Southeast
Confidence:	High			Original Cost:	2,570,000		Objective:	Replacement
Project Description								
This project repairs the roof over Mt. Scott Community Center, including the pool. Numerous active leaks have resulted in customer health/safety impacts; these have been temporarily repaired but eventually this leaking could cause longer-term damage to the building. Replacement will likely trigger some seismic upgrades and insufficient or non-existent worker fall protection, which if not corrected, could result in an OSHA violation. This project will be funded by one-time General Fund resources.								
Total Expenditures	0	0	2,570,000	0	0	0	0	2,570,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Multnomah Art Center & Annex ADA				Total Project Cost:	232,924		Area:	Southwest
Confidence:	High			Original Cost:	237,414		Objective:	Replacement
Project Description								
Improve the main building and the cottages. Address the highest priority seismic improvements to the main building that were analyzed in the 2008 Comprehensive Seismic Repair Report. Address ADA deficiencies in cottages, including restrooms. Add ramp from lower parking lot, and additional ramps to the cottages. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	108,254	124,670	0	0	0	0	124,670
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Northgate Park Restroom Upgrades				Total Project Cost:	10,550		Area:	North
Confidence:	Moderate			Original Cost:	10,550		Objective:	Maintenance & Repair
Project Description								
Repair restroom at Northgate Park. Repair roof, doors, tile. Replaces CIP 2286, projects were split out. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	0	0	10,550	10,550
Net Operations and Maintenance Costs			0	0	0	0	0	
Parklane Park Loo				Total Project Cost:	597,552		Area:	East
Confidence:	High			Original Cost:	606,548		Objective:	Growth
Project Description								
Install a new Portland Loo. Locate it near the play area and provide water, electrical and sanitary sewer systems to serve it as well as ADA-compliant paths to connect it to the sidewalk and the play area. Some screening for the neighbors may be needed as well. Funded by general obligation bonds, passed in November 2014 with additional funding from System Development Charges fees.								
Total Expenditures	106	257,783	197,128	142,641	0	0	0	339,769
Net Operations and Maintenance Costs			0	0	17,500	17,500	17,500	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Peninsula Pool Shallowing				Total Project Cost:	500,000		Area:	Northeast
Confidence:	Moderate			Original Cost:	500,000		Objective:	Expansion
Project Description								
Renovate the existing pool shell to provide more shallow water and make it more usable by children and those who are not strong swimmers. Partially funded by System Development Charge fees.								
Total Expenditures	0	0	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Pier Pool Mechanical System Upgrades				Total Project Cost:	1,640,000		Area:	North
Confidence:	Moderate			Original Cost:	1,640,000		Objective:	Replacement
Project Description								
Replacement of mechanical systems at Pier Pool. This includes replacement of all the plumbing as well as the pumps, motors, pipes, strainer baskets, chemical controllers, sanitation systems and sand filters. Additionally, install a UV system to help with the sanitation of the pool water. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	0	0	670,443	670,443
Net Operations and Maintenance Costs			0	0	0	0	0	
Sellwood Park Kitchen Roof				Total Project Cost:	1,272,539		Area:	Southeast
Confidence:	High			Original Cost:	1,279,247		Objective:	Replacement
Project Description								
Replace kitchen building roof. Match historic character of the building, but also make diaphragm and seismic improvements and rebuild the roof windows. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	607,642	664,897	0	0	0	0	664,897
Net Operations and Maintenance Costs			0	0	0	0	0	
St Johns CC Roof				Total Project Cost:	1,044,782		Area:	North
Confidence:	High			Original Cost:	1,079,229		Objective:	Replacement
Project Description								
Make various repairs at this 1940s facility. Repairs include: install a new roof covering, install ice and snow shield on the low slopes, and install a high efficiency EPDM roof. Make seismic upgrades as required by code. Make ADA renovations as required by code. Resolve various HVAC issues: remove two unit heaters from the gym; replace with roof top gas heating and air condition units; replace AC-1, 2, 3, and 4; modify duct work to classroom served by AC-1 so the room has both return and supply; replace central control monitoring system throughout the building. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	512,634	532,148	0	0	0	0	532,148
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Urban Forestry Maintenance Facility								
				Total Project Cost:	2,364,091		Area:	North
	Confidence:	High		Original Cost:	2,379,800		Objective:	Replacement
Project Description								
Construct a new covered and secure storage area for large equipment and an enclosed shop building. The covered area will be 10,000 SF and will be located centrally in the yard consistent with the 2002 Master Plan just south of the entry road; the enclosed shop building will be 2,500 SF and will be located adjacent to the south side of the equipment storage area. Reconfigure yard to work with new building, demolish barn and remodel existing house to function more efficiently as office space. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	555,287	499,914	1,308,890	0	0	0	1,808,804
Net Operations and Maintenance Costs			0	0	0	0	0	
Ventura Park Loo								
				Total Project Cost:	714,758		Area:	East
	Confidence:	High		Original Cost:	720,105		Objective:	Growth
Project Description								
Install a new Portland Loo. Location will be near the play area on the site of the former water feature, and provide water, electrical and sanitary sewer systems to serve it. Provide ADA-compliant connections to the sidewalk and the play area. Funded by general obligation bonds, passed in November 2014, with additional funding from System Development Charge fees.								
Total Expenditures	0	288,042	73,176	353,662	0	0	0	426,838
Net Operations and Maintenance Costs			0	0	17,500	17,500	17,500	
Wilkes Park Loo								
				Total Project Cost:	546,681		Area:	East
	Confidence:	High		Original Cost:	498,513		Objective:	Growth
Project Description								
Install a new Portland Loo. Work with stakeholders to select the best location near the play area, but out of the Beech right-of-way. Provide water, electrical and sanitary sewer systems to serve it and ADA-compliant connections to the sidewalk and the play area. Funded by general obligation bonds, passed in November 2014, with additional funding from System Development Charge fees.								
Total Expenditures	1,008	224,331	322,350	0	0	0	0	322,350
Net Operations and Maintenance Costs			0	17,500	17,500	17,500	17,500	
Developed Parks								
Beech Park Development								
				Total Project Cost:	11,000,000		Area:	East
	Confidence:	Moderate		Original Cost:	7,900,000		Objective:	GRO: New
Project Description								
Phase 1: Develop property to a basic level: earthwork, paths, irrigated lawn and landscaping, benches, utilities and drainage. Sports fields, BMX, skatespot, plaza and wall seating will be developed in Phase 2. Funding provided by System Development Charges.								
Total Expenditures	420,375	3,000,000	5,000,000	3,950,000	0	0	0	8,950,000
Net Operations and Maintenance Costs			0	0	49,512	49,512	49,512	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Bond Pioneer Courthouse Square Improvements				Total Project Cost:	10,000,000		Area:	Central City
Confidence:	High			Original Cost:	10,000,000		Objective:	Replacement
Project Description								
Replace failing structures, fix leaks and cracks, make improvements at a high-use park. Project scoping is in process. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	27,870	4,000,000	4,000,000	2,000,000	0	0	0	6,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Central City Park Development				Total Project Cost:	Ongoing		Area:	Central City
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	GRO: New
Project Description								
SDC funded park development in the Central City. Projects to be determined.								
Total Expenditures	0	949,000	1,000,000	1,000,000	4,000,000	1,500,000	0	7,500,000
Net Operations and Maintenance Costs			33,775	34,788	35,832	36,907	38,014	
Fulton Pump Station				Total Project Cost:	161,335		Area:	Central City
Confidence:	Optimal			Original Cost:	161,335		Objective:	Growth
Project Description								
Park oversight during the construction of the new Fulton Pump Station led by the Water Bureau. Funded by revenue from the sale of Willamette Park property to the Water Bureau.								
Total Expenditures	42,890	104,586	13,859	0	0	0	0	13,859
Net Operations and Maintenance Costs			0	0	0	0	0	
Gateway Green Development				Total Project Cost:	2,000,000		Area:	East
Confidence:	High			Original Cost:	2,000,000		Objective:	GRO: New
Project Description								
Design work on the Gateway Green project in order to be ready for permitting and construction when the Metro grant is available in early 2016. Funded by one-time General Fund discretionary resources.								
Total Expenditures	26,586	250,000	150,000	0	0	0	0	150,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Gateway Urban Plaza Development				Total Project Cost:		8,000,000	Area:	East
	Confidence:	Moderate		Original Cost:		5,750,000	Objective:	GRO: New
Project Description								
Gateway property development per the Gateway Master Plan. The park includes an urban plaza with an interactive water feature, seating areas, pathways, picnic areas, skate/bike feature, adventure-inspired play area, open flexible lawn area, restroom, stormwater facilities, and other typical park amenities. Funded by System Development Charges.								
Total Expenditures	293,446	3,000,000	5,000,000	0	0	0	0	5,000,000
Net Operations and Maintenance Costs			0	0	142,440	142,440	142,440	
Halprin Parks Restoration - LID								
				Total Project Cost:		2,100,000	Area:	Central City
	Confidence:	Moderate		Original Cost:		2,100,000	Objective:	Maintenance & Repair
Project Description								
Restore the Halprin Park, Lovejoy, Keller and Pettygrove Parks. Funded by a to-be-established Local Improvement District.								
Total Expenditures	22,094	177,906	117,000	0	0	0	0	117,000
Net Operations and Maintenance Costs			0	0	0	0	0	
International Rose Garden ADA								
				Total Project Cost:		1,918,484	Area:	Central City
	Confidence:	High		Original Cost:		2,148,458	Objective:	Replacement
Project Description								
Address the most important accessibility issues from the parking area to the main destination at the International Rose Garden park. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	10,384	859,383	1,059,101	0	0	0	0	1,059,101
Net Operations and Maintenance Costs			0	0	0	0	0	
Non Central City Park Development Program								
				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Moderate		Original Cost:		Ongoing	Objective:	GRO: New
Project Description								
SDC funded park development in the non-Central City. Projects to be determined.								
Total Expenditures	0	3,198,034	3,938,000	6,400,000	0	0	0	10,338,000
Net Operations and Maintenance Costs			32,396	33,368	34,369	35,400	36,462	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Peninsula Park Rose Garden Brick Renovation				Total Project Cost:	110,067		Area:	North
Confidence:	Moderate			Original Cost:	110,067		Objective:	Replacement
Project Description								
The 102 year old brick area in the rose garden is sinking, heaving, and the bricks are deteriorating. Repair brickwork in partnership with Friends of Peninsula Park Rose Garden to prevent the historical asset from further deterioration. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	110,067	0	0	110,067
Net Operations and Maintenance Costs			0	0	0	0	0	
Rocky Butte-Masonry				Total Project Cost:	166,000		Area:	Northeast
Confidence:	Moderate			Original Cost:	166,000		Objective:	Maintenance-Preservation
Project Description								
Fund restoration of masonry and rock walls at historic overlook at Rocky Butte. Age and ongoing use as a climbing wall, for which for which it was not designed, have caused deterioration. This project will replace/repaint mortar and grout to match historic details and repair concrete cap rails matching historic elements as needed. Structural analysis currently underway will provide total scope of need. Funded by General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	166,000	0	0	166,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Spring Garden Park Master Plan Implementation				Total Project Cost:	3,400,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	1,500,000		Objective:	GRO: New
Project Description								
Implement 2002 Spring Garden Park Master Plan. Project includes a new play area with some nature-based features; seating, drinking fountain and water line at Spring Garden Park. Funded by System Development Charge fees.								
Total Expenditures	37,337	1,000,000	1,900,000	0	0	0	0	1,900,000
Net Operations and Maintenance Costs			0	0	32,988	32,988	32,988	
Thomas Cully Park Development Phase 2				Total Project Cost:	3,975,000		Area:	Northeast
Confidence:	Moderate			Original Cost:	3,975,000		Objective:	GRO: New
Project Description								
Phase 2 of the development of Thomas Cully Park. Phase I of this project is being funded by Metro through a grant to the "Let Us Build Cully Park!" Verde. Phase 2 is funded by Park's System Development Charges, along with a grant from Department of Environmental Quality and Land and Water Conservation.								
Total Expenditures	634,092	1,596,482	705,000	0	0	0	0	705,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Golf								
NEW - RedTail Golf Course 7th Hole Redesign				Total Project Cost:	15,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	15,000		Objective:	Replacement
Project Description								
Redesign the 7th hole at RedTail Golf Course. Funded by Golf fees.								
Total Expenditures	0	0	15,000	0	0	0	0	15,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Green Infrastructure								
Lan Su Chinese Garden Zither Lake				Total Project Cost:	668,000		Area:	Central City
Confidence:	High			Original Cost:	668,000		Objective:	Maintenance & Repair
Project Description								
Repair the 9,000 square foot pond, Lake Zither, which is leaking and requires replacement of the pond liner, at the Lan Su Classical Chinese Garden. Funded by one-time Portland Development Commission funding.								
Total Expenditures	0	668,000	32,614	0	0	0	0	32,614
Net Operations and Maintenance Costs			0	0	0	0	0	
Leach Botanical Garden Phase 3								
				Total Project Cost:	2,290,000		Area:	East
Confidence:	Moderate			Original Cost:	1,343,000		Objective:	Maintenance-Preservation
Project Description								
Initial design work on renovation of Leach Botanical Garden. Funded by the Portland Development Commission and System Development Charges.								
Total Expenditures	259,758	900,000	640,000	0	0	0	0	640,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Riverview Property Restoration								
				Total Project Cost:	250,000		Area:	Southwest
Confidence:	High			Original Cost:	250,000		Objective:	GRO: New
Project Description								
Restoration of newly acquired land in southwest Portland. Funded by mitigation funding from Multnomah County for the Sellwood Bridge project.								
Total Expenditures	107,739	142,261	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Waterfront Park Bioswale Reconfiguration			Total Project Cost:		33,150		Area: Central City	
Confidence:		High		Original Cost:		33,150		Objective: Replacement
Project Description								
Existing stormwater facility is being used for trash and human waste. Need to reconfigure with a facility that will not be used as a toilet area. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	33,150	0	0	0	0	33,150
Net Operations and Maintenance Costs			0	0	0	0	0	
Recreation Features								
Argay Tennis Court			Total Project Cost:		1,067,533		Area: East	
Confidence:		High		Original Cost:		1,076,239		Objective: Replacement
Project Description								
Rebuild and upgrade all four existing tennis courts at Argay Park. Open two closed courts and upgrade lighting. Replace all fencing, nets and the stanchions. Rebuild the playing surface, which is necessary to eliminate substantial cracking and differential settlement. Replace wood planking on the existing player benches and drinking fountain. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	430,496	376,684	260,353	0	0	0	637,037
Net Operations and Maintenance Costs			0	0	0	0	0	
Colonel Summer Park Splash Pad Installation								
Confidence:			Moderate		Total Project Cost:		500,000	
Confidence:		Moderate		Original Cost:		500,000		Area: Southeast
Confidence:		Moderate		Original Cost:		500,000		Objective: GRO: Expand
Project Description								
Convert a wading pool to a splash pad at Colonel Summer Park. Funded by System Development Charges.								
Total Expenditures	0	500,000	150,000	0	0	0	0	150,000
Net Operations and Maintenance Costs			0	12,460	12,460	12,460	12,460	
Couch Park Playground								
Confidence:			High		Total Project Cost:		1,633,516	
Confidence:		High		Original Cost:		1,633,516		Area: Northwest
Confidence:		High		Original Cost:		1,633,516		Objective: Replacement
Project Description								
Replace play structures and correct adjacent ADA deficiencies at Couch Park. The new playground will be designed for the current location, largely consistent with the recent master plan. Remove and protect existing play structure and boulders for use in this or another playground. Demolish existing wood chip surface, subsurface drainage features, west side concrete ramp into play area, and existing fencing. Provide and install new play equipment with rubberized surfacing, flush concrete perimeter curb, subsurface drainage system, and new fencing or other barriers to separate the playground from the street and Dog Off Leash Area. In addition, correct ADA deficiencies by replacing the brick plaza walkway between NW Glisan and Hoyt to provide a safe, accessible path to and from the streets and the restroom. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	28,626	653,406	163,352	816,758	0	0	0	980,110
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Creston Park Playground				Total Project Cost:	806,287		Area:	Southeast
Confidence:	High			Original Cost:	774,642		Objective:	Replacement
Project Description								
Remove outdated structures and replace with safe and updated play equipment at Creston Park. Demolish existing wood chip surface, subsurface drainage features, and concrete aprons surrounding playground. Protect the big trees and lights. Provide and install new play equipment with rubberized surfacing, flush concrete perimeter curbs and apron, and subsurface drainage system. Provide an ADA-accessible path to the playground and the swings from the park's west parking lot. Provide an ADA compliant drinking fountain and benches. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	5,828	297,857	136,109	372,321	0	0	0	508,430
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Duniway Field Improvements				Total Project Cost:	90,000		Area:	Central City
Confidence:	High			Original Cost:	90,000		Objective:	Replacement
Project Description								
Under Armour Foundation, Inc. will develop and reconstruct a playing field, including the installation, improvement or enhancement of existing structures and lighting facilities, and new parking. This project is funded by a donation through the Under Armour Foundation, Inc.								
Total Expenditures	0	0	24,356	0	0	0	0	24,356
Net Operations and Maintenance Costs			0	0	0	0	0	
Ed Benedict Park Sports Field Safety Imp.				Total Project Cost:	26,000		Area:	East
Confidence:	High			Original Cost:	26,000		Objective:	Maintenance & Repair
Project Description								
Safety improvement projects at Ed Benedict Park Sports Field. Project will include deep tine aerate, top dress, overseed, and perform complete irrigation tune-ups consisting of product change-out and placement modifications. Funded by General Fund major maintenance allocation.								
Total Expenditures	0	20,000	6,000	0	0	0	0	6,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fernhill Splash Pad				Total Project Cost:	500,000		Area:	Northeast
Confidence:	Optimal			Original Cost:	250,000		Objective:	GRO: New
Project Description								
Construction of a new splash pad water feature at Fernhill Park. Funded by Parks System Development Charges.								
Total Expenditures	0	500,000	470,000	0	0	0	0	470,000
Net Operations and Maintenance Costs			0	12,460	12,460	12,460	12,460	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Fernhill Sports Field Safety Improvements				Total Project Cost:	26,000		Area:	Northeast
	Confidence:	High		Original Cost:	26,000		Objective:	Maintenance & Repair
Project Description								
Safety improvement projects at Fernhill Sports Field. Project will include deep tine aerate, top dress, overseed, and perform complete irrigation tune-ups consisting of product change-out and placement modifications. Funded by General Fund major maintenance allocation.								
Total Expenditures	0	20,000	6,000	0	0	0	0	6,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Hancock Park Play Area Safety and ADA				Total Project Cost:	123,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	123,000		Objective:	Replacement
Project Description								
Replace older swing sets at Hancock Park. Includes adding an ADA swing set, improved ADA access, and proper footprint sizing. These swing sets are deteriorating and are beyond their useful life. Funded by General Fund major maintenance allocation.								
Total Expenditures	0	0	0	123,000	0	0	0	123,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Kenton Park Playground				Total Project Cost:	968,947		Area:	North
	Confidence:	High		Original Cost:	968,947		Objective:	Replacement
Project Description								
Replace play equipment and amenities near the restroom at Kenton Park. Remove and replace outdated, inaccessible play structures, picnic tables, benches, a drinking fountain, and pavement adjacent to the restroom. Provide new rubberized play surfacing, drainage and curbs. Address unstable soil and foundation situation by conducting a geotechnical analysis and implementing recommended measures. Remove ADA non-compliant curb ramp and asphalt pavement from N. Delaware Avenue to the play area and restroom location; install an accessible path between the street, restroom and play area. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	0	390,562	341,742	236,643	0	0	968,947
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Kingsley Community Garden				Total Project Cost:	50,000		Area:	Northwest
	Confidence:	High		Original Cost:	50,000		Objective:	Growth
Project Description								
Develop a new community garden at Kingsley Park funded by \$25,000 in General Fund and \$25,000 from the Friends of Kingsley Community Garden.								
Total Expenditures	0	0	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs				11,293	11,609	11,935	12,269	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Knott Park Sports Field Safety Improvements				Total Project Cost:	174,000		Area:	East
	Confidence:	High		Original Cost:	174,000		Objective:	Maintenance & Repair
Project Description								
Safety improvement projects at Knott Park. Project will include deep tine aerate, top dress, overseed, and perform complete irrigation tune-ups consisting of product change-out and placement modifications, grading, and irrigation improvements. Funded by general fund major maintenance allocation.								
Total Expenditures	0	0	0	0	174,000	0	0	174,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Lents Park Playground				Total Project Cost:	1,471,908		Area:	Southeast
	Confidence:	High		Original Cost:	1,483,962		Objective:	Replacement
Project Description								
Remove and replace the wooden play structures at Lents Park. Using the current perimeter retaining walls, update the play opportunities in the playground and the circulation between the upper and lower levels of the play area to be accessible. Replace inaccessible picnic tables, benches, and the drinking fountain and pavements serving play area and restroom. Re-use newer and ADA-compliant play equipment and picnic tables. Remove old drainage system and wood chip surfacing. Replace subsurface drainage and provide accessible rubberized play surfacing. Preserve all healthy trees. Create an ADA accessible pathway to the playground from the ADA parking lot. Replace ADA non-compliant curb ramp and asphalt pavements connecting SE Steele with restroom and playground and restripe parking area on Steele for ADA compliance. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	8,851	593,585	148,396	729,927	0	0	0	878,323
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Lents Sport Field				Total Project Cost:	90,000		Area:	East
	Confidence:	Moderate		Original Cost:	90,000		Objective:	Replacement
Project Description								
Under Armour Foundation, Inc. will develop and reconstruct a playing field, including the installation, improvement or enhancement of existing structures and lighting facilities. This project is funded by a donation through the Under Armour Foundation, Inc.								
Total Expenditures	0	0	24,356	0	0	0	0	24,356
Net Operations and Maintenance Costs			0	0	0	0	0	
Lents Tennis Court Restoration				Total Project Cost:	175,000		Area:	East
	Confidence:	Moderate		Original Cost:	175,000		Objective:	Maintenance-Preservation
Project Description								
Resurfacing, crack repair, and fencing upgrades to restore courts at Lents Park. Funded by the General Fund major maintenance allocation.								
Total Expenditures	0	0	0	175,000	0	0	0	175,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Lynchview Park Playground				Total Project Cost:	3,205,030		Area:	East
Confidence:		High		Original Cost:	3,205,030		Objective:	Replacement
Project Description								
Add new a new playground to the park to accommodate a wide range of play for children of all ages at Lynchview Park. Install rubberized surfacing, benches, picnic table and trash receptacle, and an ADA-compliant pathway that connects to a new ADA parking stall and the park entrances. Install new drinking fountain, shade trees and naming sign. Funded by general obligation bonds, passed in November 2014, with additional funding from the System Development Charge fees.								
Total Expenditures	0	0	505,507	1,111,568	1,587,955	0	0	3,205,030
Net Operations and Maintenance Costs			0	0	0	35,000	35,000	
North Park Blocks Playground				Total Project Cost:	1,598,656		Area:	Central City
Confidence:		High		Original Cost:	1,611,496		Objective:	Replacement
Project Description								
Update the play area at North Park Blocks. Remove and replace two aging play structures and a swing set plus the existing rubberized surfacing within the existing footprint of the play area. Move the lights to just outside the play area to provide more room for play equipment. Remove and replace the buckled, out-of-compliance walkways from the SW and NE corners to the play area. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	2,595	644,598	161,150	792,908	0	0	0	954,058
Net Operations and Maintenance Costs			0	0	0	0	0	
Reike Synthetic Turf				Total Project Cost:	2,173,057		Area:	Southwest
Confidence:		High		Original Cost:	2,187,822		Objective:	Replacement
Project Description								
Renovate synthetic playing field at Reike Park. Demolish existing field and perform geotechnical investigation to identify drainage and subsidence issues; correct geotechnical issues; install sub-base and drainage system; install new synthetic field with furnishings, curbing and accessible pathway to/from school and along sidelines. Install conduit so lighting can be considered in a future phase. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	287	328,173	765,738	1,079,146	0	0	0	1,844,884
Net Operations and Maintenance Costs			0	0	0	0	0	
Ventura Park Playground				Total Project Cost:	1,103,719		Area:	East
Confidence:		High		Original Cost:	1,112,758		Objective:	Replacement
Project Description								
Update the play area Ventura Park. Remove and replace outdated, inaccessible play structures; play surface; subsurface drainage system and perimeter curbs and walls; pavements buckled by tree roots including bench pads and bike rack pad. Remove four problematic trees. Remove non-ADA-compliant curb ramp and landing at parking lot. Re-install benches and bike rack. Protect remaining trees and lighting. Install larger play area with rubberized surfacing and subsurface drainage system. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	445,103	111,276	547,340	0	0	0	658,616
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Wallace Park Sport Field Safety Improvements			Total Project Cost:		26,000		Area:	Northwest
Confidence:			High		Original Cost:		26,000	
Objective:			& Repair					
Project Description								
Safety improvement projects at Wallace Park. Project will include deep tine aerate, top dress, overseed, and perform complete irrigation tune-ups consisting of product change-out and placement modifications. Funded by General Fund major maintenance allocation.								
Total Expenditures	0	0	0	0	26,000	0	0	26,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Willamette Park Dog off Leash								
Total Project Cost:			393,000		Area:	Central City		
Confidence:			High		Original Cost:		393,000	
Objective:			Replacement					
Project Description								
Relocation of the existing dog off-leash area as indicated in the 2012 Park Guidance Plan. Funded by Willamette Park parking meter revenue.								
Total Expenditures	50,029	189,006	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Utilities, Roads & Trails								
April Hill Park Trail Match			Total Project Cost:		360,000		Area:	Southwest
Confidence:			Moderate		Original Cost:		50,000	
Objective:			GRO: Expand					
Project Description								
System Development Charges is providing match funding for construction supervision for a private/public development of a trail at April Hill Park.								
Total Expenditures	30,763	29,237	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			3,125	3,125	3,125	3,125	3,125	
Bridge Inventory & Assessment								
Total Project Cost:			1,100,000		Area:	Citywide		
Confidence:			Moderate		Original Cost:		1,100,000	
Objective:			Maintenance-Safety					
Project Description								
Inventory, assess, and report on bridges in the entire park system prior to implementing improvements, with special attention paid to bridges on Springwater Corridor. There is a priority to assess pedestrian and vehicular bridges. Funding is provided by the General Fund major maintenance allocation.								
Total Expenditures	17,127	132,873	150,000	200,000	350,000	100,000	150,000	950,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Hillside Community Center DDC Replacement				Total Project Cost:	56,428		Area:	Northwest
Confidence:	Moderate			Original Cost:	56,428		Objective:	Replacement
Project Description								
Replace existing Walker DDC with new Automated Logic direct digital control system. Existing system uses outdated hardware and is becoming unstable. Funded by the General Fund major maintenance allocation.								
Total Expenditures	0	0	0	56,428	0	0	0	56,428
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Leif Erikson Culvert Repairs				Total Project Cost:	492,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	345,000		Objective:	Replacement
Project Description								
Replace six culverts identified as failing or at risk of failure, entering into an interagency agreement with BES. BES to provide 50% match from Watershed Investment Fund. Parks' portion is funded by the General Fund major maintenance allocation.								
Total Expenditures	0	0	147,000	172,500	172,500	0	0	492,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Leif Erikson Roadbed Failure at MP 6.8 - Repair				Total Project Cost:	247,500		Area:	Northwest
Confidence:	High			Original Cost:	247,500		Objective:	Maintenance & Repair
Project Description								
The roadbed has failed at Mile Post 6.8 on Leif Erikson. It is difficult to maintain safe access for PP&R or emergency vehicles in this area. Failure area is marked with caution tape. This is a major artery of Forest Park, and needed access for the Fire Bureau. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	0	0	247,500	0	0	0	0	247,500
Net Operations and Maintenance Costs			0	0	0	0	0	
Lynchview Park Irrigation				Total Project Cost:	179,777		Area:	East
Confidence:	High			Original Cost:	179,777		Objective:	Replacement
Project Description								
Replace non-functioning irrigation system at Lynchview Park. New system to provide area-specific irrigation system which will provide a high level of water efficiency utilizing a weather based central irrigation control platform. Includes irrigation for sports fields and playground area, backflow, controller, Maxicom, and all accessory plumbing. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	0	27,245	63,572	88,960	0	0	179,777
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Macleay Park Trail Bridges				Total Project Cost:	972,458		Area:	Northwest
Confidence:	High			Original Cost:	972,458		Objective:	Replacement
Project Description								
Repair or replace two to four bridges on the Lower Macleay Trail. Several large landslides and fallen trees have significantly damaged the Lower Macleay Trail and four bridges. The exact crossing configurations may need to be realigned to protect the stream system, and some trail realignment and stream-bank restoration may be needed as part of the permit process. Fully restore the existing trail approach from construction impacts. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	388,983	72,934	510,541	0	0	0	583,475
Net Operations and Maintenance Costs			0	0	0	0	0	
Maple Trail Bridge Replacment				Total Project Cost:	554,382		Area:	Northwest
Confidence:	High			Original Cost:	570,195		Objective:	Replacement
Project Description								
Replace bridge and bridge abutments on Maple Trail. The crossing site may need to be slightly relocated to ensure a healthy stream system, and some trail realignment and stream-bank restoration may be needed as part of the permit process. Fully restore the existing trail approaches from construction impacts. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	228,078	42,765	283,540	0	0	0	326,305
Net Operations and Maintenance Costs			0	0	0	0	0	
Marine Drive Trail Gaps				Total Project Cost:	3,804,563		Area:	Northeast
Confidence:	Moderate			Original Cost:	3,804,563		Objective:	GRO: New
Project Description								
Complete several remaining gaps in the Marine Drive trail system which connects the I-205 bike route with Kelley Point Park. Grant match funding provided by System Development Charges. The project is funded by a grant PP&R gave to the Portland Bureau of Transportation (PBOT) to complete. The total project cost of \$3,804,563 reflects both the bureau's portion of costs in addition to the grant funding that is budgeted in PBOT's budget.								
Total Expenditures	44,631	149,434	110,563	0	0	0	0	110,563
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Park South Access Trail				Total Project Cost:	550,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	500,000		Objective:	GRO: Expand
Project Description								
Develop access and circulation entryway on the south side of Mt Tabor. Funded by System Development Charges.								
Total Expenditures	0	500,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Mt. Scott Community Center HVAC				Total Project Cost:		818,000		Area: Southeast
	Confidence:	High		Original Cost:		818,000		Objective: Replacement
Project Description								
Replace and upgrade the Mt. Scott Community Center's Heating, Ventilation, and Air Conditioning (HVAC) system. Funded by one-time General Fund discretionary resources.								
Total Expenditures	0	818,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Portland Childrens Museum DDC Replacement				Total Project Cost:		136,094		Area: Northwest
	Confidence:	Moderate		Original Cost:		136,094		Objective: Replacement
Project Description								
Replace existing Walker DDC with new Automated Logic direct digital control system. Existing system uses outdated hardware and is becoming unstable. Funded by the General Fund major maintenance allocation								
Total Expenditures	0	0	0	136,094	0	0	0	136,094
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Southwest Portland Trail Expansion				Total Project Cost:		1,277,000		Area: Southwest
	Confidence:	High		Original Cost:		500,000		Objective: GRO: Expand
Project Description								
Construct off-street multi-use trail segment from SW Cameron Road to Alpenrose Dairy property. Important segment in Red Electric trail route. Parks has applied for Oregon Connect VI grant. System Development Charges fees will provide the match funding on this project.								
Total Expenditures	0	500,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Springwater Corridor Bridges				Total Project Cost:		2,348,830		Area: Southeast
	Confidence:	High		Original Cost:		2,348,830		Objective: Replacement
Project Description								
Repair bridge and stabilize trail. Springwater Corridor trail has six remaining trestle bridges that are 70 to 100 years old. These bridges' support structures are original and in need of replacement. Funded by general obligation bonds, passed in November 2014.								
Total Expenditures	0	0	650,716	473,248	1,224,866	0	0	2,348,830
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Springwater Corridor Sellwood Gap				Total Project Cost:	1,270,009		Area:	Southeast
Confidence:	Moderate			Original Cost:	1,270,009		Objective:	GRO: Expand
Project Description								
Grant awarded to build remaining one mile Springwater trail gap from SE 19th Avenue to SE Linn. This is a combination rail with trail. Funded by a Federal Grant through ODOT and System Development Charge fees.								
Total Expenditures	155,123	224,959	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs			6,000	6,000	6,000	6,000	6,000	
NEW - St Johns Community Center DDC Replacement				Total Project Cost:	90,951		Area:	North
Confidence:	Moderate			Original Cost:	90,951		Objective:	Replacement
Project Description								
Replace existing Walker DDC with new Automated Logic direct digital control system. Existing system uses outdated hardware and is becoming unstable. Funded by the General Fund major maintenance allocation.								
Total Expenditures	0	0	90,951	0	0	0	0	90,951
Net Operations and Maintenance Costs			0	0	0	0	0	
Ventura Park New Irrigation System				Total Project Cost:	130,000		Area:	East
Confidence:	Moderate			Original Cost:	130,000		Objective:	Replacement
Project Description								
Replace existing irrigation system and add central controls at Ventura Park. Funding provided by the General Fund major maintenance allocation.								
Total Expenditures	0	0	130,000	0	0	0	0	130,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Washington Park Sewer Replacement				Total Project Cost:	2,394,708		Area:	Northwest
Confidence:	Moderate			Original Cost:	1,497,600		Objective:	Replacement
Project Description								
The 10,000 plus feet of sanitary and stormwater pipe in Washington Park has been in service for over 50 years. The piping is failing and causing sewage spills, backed-up restroom facilities, and contamination issues. This project will reline all piping to extend the life. Funded by General Fund Major Maintenance allocation.								
Total Expenditures	0	0	1,060,000	254,823	0	1,079,885	0	2,394,708
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Washington Park Stormwater				Total Project Cost:	2,500,000		Area:	Northwest
Confidence:	High			Original Cost:	480,000		Objective:	Replacement
Project Description								
Phase I, installation of stormwater line from Zoo parking lot to Highway 26, is complete. Phase II is getting underway and includes the design and construction of a stormwater retention planter at the South Entry. Funded by Washington Park parking meter revenue.								
Total Expenditures	52,233	300,000	100,000	80,000	500,000	1,000,000	0	1,680,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Washington Park West Parking Lot Improvements				Total Project Cost:	450,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	450,000		Objective:	Maintenance & Repair
Project Description								
Oregon Zoo parking lot improvements. Funded by Washington Park parking meter revenue. Total project costs will be budgeted in out years after meter revenues are realized.								
Total Expenditures	0	50,000	50,000	388,943	0	0	0	438,943
Net Operations and Maintenance Costs			0	0	0	0	0	
Westmoreland Park Skavone Stadium Lighting				Total Project Cost:	828,000		Area:	Southeast
Confidence:	High			Original Cost:	828,000		Objective:	Replacement
Project Description								
Replace Westmoreland Park-Sckavone Stadium lighting. Funded by one-time General Fund discretionary.								
Total Expenditures	0	828,000	600,000	0	0	0	0	600,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Whitaker Ponds Access Improvements				Total Project Cost:	1,959,075		Area:	Northeast
Confidence:	Moderate			Original Cost:	1,268,655		Objective:	GRO: Expand
Project Description								
Develop access and circulation entryway, as recommended in 2012 conceptual plan for the proposed entry at Whitaker Ponds. Funded by a grant from Metro and match funding from System Development Charges.								
Total Expenditures	94,418	1,205,979	1,864,657	0	0	0	0	1,864,657
Net Operations and Maintenance Costs			0	37,000	37,000	37,000	37,000	

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Willamette Park Pathways				Total Project Cost:		983,113		Area: Central City
	Confidence:	Moderate		Original Cost:		983,113		Objective: GRO: Expand
Project Description								
Trail circulation improvements per Redevelopment Plan. Funded by revenue from the sale of property to the Water Bureau for the new Fulton Pump Station.								
Total Expenditures	0	635,825	317,000	0	0	0	0	317,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Bureau of Transportation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Asset Management								
NEW - 122nd Ave: I-84 Ramp-Skidmore, NE				Total Project Cost:	3,767,889		Area:	Northeast
Confidence:	Low			Original Cost:	3,767,889		Objective:	Mandated
Project Description								
This project is Roadway Surfacing Rehabilitation work funded through a one-time General Fund budget surplus. Projects in this program are selected for rehabilitation through the city's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition and avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet Americans with Disabilities Act (ADA) standards. This project will also include signal upgrades to meet ADA standards. Construction will begin in Spring 2016.								
Total Expenditures	3,920	0	2,395,789	0	0	0	0	2,395,789
Net Operations and Maintenance Costs			0	0	0	0	0	
Bridges/Overpasses								
				Total Project Cost:	10,626,909		Area:	Citywide
Confidence:	Low			Original Cost:	1,677,659		Objective:	Replacement
Project Description								
This project is a continuing program to replace or rehabilitate some of the City's poor condition and weight restricted bridges, which currently prohibits the movement of freight and transit within the City. Past projects included N Lombard Road over Columbia Slough (BR-105), completed in 2012; NE 21st Avenue over Columbia Slough (BR-08), completed in 2012; and NW Thurman Bridge over Balch Creek (BR-15), completed in 2014. Funding is General Transportation Revenue. Future projects include Willamette Boulevard Viaduct (BR-7), NE Glisan Street Bridge (BR-33), and N Interstate Viaduct (BR-152).								
Total Expenditures	0	826,524	1,014,724	124,724	124,724	124,724	124,724	1,513,620
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Broadway Dr Wall E of House #980, SW								
				Total Project Cost:	300,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	300,000		Objective:	Maintenance & Repair
Project Description								
Retaining wall #128 is located adjacent 980 SW Broadway Drive. The wall is approximately 80 feet long, with a maximum height of eight feet. There is no recorded age for the wall, but it appears to be in excess of 50-60 years old. The wall is in significant danger of failing, and is already significantly leaning forward away from plumb. In addition to supporting the two narrow travel lanes on Broadway Drive, the wall also directly supports a 6 inch CI water main that serves properties on Broadway Drive. This project is funded by one-time General Fund resources.								
Total Expenditures	27,429	0	157,408	0	0	0	0	157,408
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Burnside: W 24th-E Cesar Chavez				Total Project Cost:	2,516,673		Area:	West
Confidence:	Low			Original Cost:	2,516,673		Objective:	Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through one-time General Fund resources for pavement maintenance and safety. Projects in this program are selected for rehabilitation through the city's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. This project will also include pedestrian crossing improvements at various intersections. Construction will begin in spring 2016.

Total Expenditures	0	0	2,108,184	0	0	0	0	2,108,184
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Glisan St at 90th Ave, NE				Total Project Cost:	975,800		Area:	Northeast
Confidence:	Low			Original Cost:	975,800		Objective:	Replacement

Project Description

PBOT Bridge #033, NE Glisan at 90th Ave was built in 1911, and currently stands at 104 years old. The bridge is classified by the Federal NBI as functionally obsolete and is weight restricted to legal trucks by PBOT. Heavy freight cannot use the bridge and must detour around for access to and from I-84. Glisan is currently classified as a Preferred City Truck Route, but at this location it is weight restricted. The bridge is also located on an emergency response route. The weight restriction could delay the response time of fire trucks which exceed the weight limit. Repairing this bridge will allow heavier vehicles to resume access. This project is funded by one-time General Fund resources.

Total Expenditures	15,583	0	627,593	0	0	0	0	627,593
Net Operations and Maintenance Costs			0	0	0	0	0	

Lighting Efficiency Program, CW				Total Project Cost:	17,500,000		Area:	Citywide
Confidence:	Moderate			Original Cost:	17,500,000		Objective:	Replacement

Project Description

This project is the first phase of an effort to retrofit outdoor lighting in the City with energy efficient Light Emitting Diode (LED) technology. Funding for the project was approved by City Council in December 2012 and implementation is scheduled to start in April 2014. The retrofit of the street lighting will reduce the energy consumption of each fixture by more than 50%, resulting in a net cost savings to the City over the life of the project. Funding for the project is through general obligation bonds backed by General Fund transfers that are currently made to PBOT.

Total Expenditures	5,672,245	4,500,000	5,500,000	1,827,755	0	0	0	7,327,755
Net Operations and Maintenance Costs			0	0	0	0	0	

Naito Pkwy: I-405 - Jefferson, SW				Total Project Cost:	1,000,000		Area:	Southwest
Confidence:	Low			Original Cost:	1,000,000		Objective:	Maintenance-Safety

Project Description

This project addresses a long-standing need to repave/reconstruct SW Naito south of the Jefferson Street to I-405. SW Naito to the north was reconstructed in 2007. Funding is provided by the Oregon Department of Transportation as part of a Jurisdictional Transfer completed in 2010.

Total Expenditures	0	26,000	285,000	715,000	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Oak St. Naito-10th Ave, SW			Total Project Cost:		1,043,000		Area:	Southwest
	Confidence:	Low		Original Cost:	1,043,000		Objective:	Maintenance & Repair
Project Description								
This project is Roadway Surfacing Rehabilitation work funded through one-time General Fund resources. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition and avoid more expensive reconstruction. Work typically includes grinding, paving and corner sidewalk ramp construction to meet ADA standards.								
Total Expenditures	0	0	496,816	0	0	0	0	496,816
Net Operations and Maintenance Costs			0	0	0	0	0	
Road Rehabilitation Program (Paving Preservation), CW								
			Total Project Cost:		1,500,000		Area:	Citywide
	Confidence:	Low		Original Cost:	14,000,000		Objective:	Maintenance-Preservation
Project Description								
The City utilizes a Pavement Management System (PMS) to coordinate and set priorities for pavement asset maintenance and rehabilitation. The city optimizes project selection by coordinating with the Active Transportation program to incorporate multi-modal improvements and other safety related elements. Current funding for this program is only provided when available General Fund surplus dollars are allocated. Projects identified for improvement include: NE 122nd Ave (I-84 Ramps to Skidmore); SW Oak St (SW Naito Pkwy to SW 10th Ave); East Burnside (20th Ave to 32nd Ave) along with various safety improvements such as corner ADA ramps, median islands and rapid flashing beacons, along East and West Burnside and along SE 122nd Avenue. Ongoing General Fund support is allocated for "Out of the Mud" to improve unpaved streets.								
Total Expenditures	0	2,856,745	1,500,000	0	0	0	0	1,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Signal Communication System, CW								
			Total Project Cost:		300,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	600,000		Objective:	Replacement
Project Description								
This is a continuing program to install cable or add wireless routers to connect individual traffic signals to the central control computer. Central control allows improvements for traffic signal timing and allows monitoring of malfunctioning signals to speed necessary repairs which improves traffic flow and safety, and reduces air pollution and fuel consumption. This work complements ODOT's freeway management system work. The project is funded by General Transportation Revenue.								
Total Expenditures	0	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Signal Reconstruction, CW								
			Total Project Cost:		4,188,096		Area:	Citywide
	Confidence:	Moderate		Original Cost:	3,420,000		Objective:	Replacement
Project Description								
The project is a continuing program to replace aging traffic signal infrastructure that subjects the City to liability or unsafe operations. The annual gap in capital repair, rehabilitation, replacement of aging traffic signal assets is \$18.4 million. The project is funded by General Transportation Revenue.								
Total Expenditures	0	309,550	2,187,382	349,609	349,609	349,609	349,609	3,585,818
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total

Street Light Replacement, CW				Total Project Cost:	4,777,654		Area:	Citywide
	Confidence:	Moderate		Original Cost:	838,827		Objective:	Replacement

Project Description

This project is a continuing program to replace failing street light infrastructure throughout the city. Street lighting replacement reduces both the City's energy costs and its carbon footprint. The annual gap in capital repair, rehabilitation, replacement of aging street lights is \$4.1 million. Funding is provided by General Transportation Revenue.

Total Expenditures	0	1,229,609	529,609	229,609	229,609	229,609	229,609	1,448,045
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Taylors Ferry Rd. Rockslide Abatement, SW				Total Project Cost:	600,000		Area:	Southwest
	Confidence:	Low		Original Cost:	600,000		Objective:	Replacement

Project Description

In 2002, large boulders were spilling out of a rock slope outcrop west of the Fulton Park Blvd intersection along Taylors Ferry Road, presenting a potential safety hazard to drivers. Concrete barriers were placed in the roadway to contain the spill, and this effectively reduced this two lane section of west bound Taylors Ferry Rd to a one lane section. These barriers are still in place today as boulders have continued to fall. The solution is an engineered rock containment system at the project site so the closed inside lane can be re-opened to traffic. This project is funded by one-time General Fund resources.

Total Expenditures	316	0	425,825	0	0	0	0	425,825
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Willamette Blvd Semi-Viaduct @ MP 2.3, N				Total Project Cost:	590,000		Area:	North
	Confidence:	Moderate		Original Cost:	590,000		Objective:	Maintenance & Repair

Project Description

PBOT Bridge #007, N Willamette Blvd semi-viaduct was built in 1941 and currently is at 74 years old, with normal bridge service life being 75 years. The bridge is classified by the Federal National Bridge Inventory (NBI) as structurally deficient and is weight restricted to less than legal trucks by PBOT. The bridge is located on an emergency response route. The weight restriction could delay the response time of fire trucks which exceed the weight limit. This project proposes that the existing bridge be replaced with a more stable structure that is able to withstand potential earth movement and heavier truck loads. The bridge will be replaced with a retaining wall structure, thus eliminating a bridge and future maintenance liability from the City's inventory. This project is funded by one-time General Fund resources.

Total Expenditures	41,832	170,729	314,041	0	0	0	0	314,041
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Economic Vitality								
NEW - 10th and Yamhill Parking Garage			Total Project Cost:		22,424,872	Area:		Southwest
Confidence:	Low		Original Cost:		22,424,872	Objective:		Replacement
Project Description								
As part of the City's SmartPark Garage System, the 10th & Yamhill Garage lends vital support to the downtown retail core. The building is a seven-story building with 27,000 square feet of leasable retail space at or near the ground level and 799 parking spaces on floors two through seven. Since 2004 a series of reports have been developed outlining the condition of the building and needed improvements. In 2014, PDC and PBOT hired FFA Architecture and Interiors, Inc. to review the existing reports and develop a list improvements required to addres deferred building maintenance and improve the retail space. This project is funded by a combination of resources from the Portland Development Commission, bonds, and PBOT contingency.								
Total Expenditures	0	0	6,196,131	15,678,741	0	0	0	21,874,872
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - 47th Ave: Columbia-Cornfoot, NE								
		Total Project Cost:		4,597,044	Area:		Northeast	
Confidence:	Low		Original Cost:		4,597,044	Objective:		Efficiency
Project Description								
This project will fully reconstruct the freight street in concrete from north of Columbia Blvd. to south of Cornfoot Rd. and add sidewalks and bike lanes on both sides in conjunction with Parks' Whitaker Ponds project. This project is funded by a combination of SDCs and LID revenues from the Parks bureau.								
Total Expenditures	0	0	2,765,955	1,831,089	0	0	0	4,597,044
Net Operations and Maintenance Costs			0	0	0	0	0	
Bond: Gibbs-River Pkwy, SW								
		Total Project Cost:		9,700,000	Area:		Southwest	
Confidence:	Low		Original Cost:		9,700,000	Objective:		Efficiency
Project Description								
This project will design and construct an extension of Bond St. from SW Gibbs to River Parkway. The project is funded by the Portland Development Commission. Construction began in Spring of 2016.								
Total Expenditures	28,601	945,000	4,915,592	4,134,408	0	0	0	9,050,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Columbia Blvd ITS, N/NE								
		Total Project Cost:		557,227	Area:		Northeast/ Southeast	
Confidence:	Low		Original Cost:		390,059	Objective:		Efficiency
Project Description								
The proposed project will construct and implement Infrastructure Technology Services (ITS) infrastructure along N/NE Columbia Boulevard. The project will install equipment and integrate these devices with the City's, ODOT's, and Tri-Met's Transportation Operations Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS), and provides the minimum project elements that will yield significant benefits in the corridor. The proposed project will improve the City's ability to monitor and control traffic. An exploration of emerging data from the private sector will be considered to determine whether there are new techniques that can be used to deliver priority at traffic signals. It will also improve control and monitoring of heavy freight. This project is funded by a federal grant.								
Total Expenditures	0	100,059	557,227	0	0	0	0	557,227
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Columbia Blvd/MLK Blvd, N				Total Project Cost:	3,850,187		Area:	Northeast
Confidence:	Low			Original Cost:	2,486,234		Objective:	Efficiency
Project Description								
This project was identified in the 2006 Freight Master Plan as a Tier One project. It includes construction of a right turn lane from NE Columbia Blvd to NE Martin Luther King Jr. Blvd and installation of a new traffic signal. The project is currently in the right-of-way acquisition process with construction expected to begin in spring 2016. Funding is primarily federal grants with local match.								
Total Expenditures	573,566	1,348,958	1,850,716	0	0	0	0	1,850,716
Net Operations and Maintenance Costs			0	0	0	0	0	
Columbia Blvd: Cully Blvd & Alderwood Rd, NE				Total Project Cost:	5,527,760		Area:	Northeast
Confidence:	Low			Original Cost:	5,527,760		Objective:	Efficiency
Project Description								
This project will construct a traffic signal at the intersection of NE Alderwood Rd and NE Columbia Blvd. The project will also include evaluation and preliminary design of a paired traffic signal at NE Cully Blvd. This project is funded through the ODOT Enhance program and will begin design in 2016, with construction scheduled for 2018. The project is a joint project with the Port of Portland.								
Total Expenditures	0	313,083	442,158	5,085,602	0	0	0	5,527,760
Net Operations and Maintenance Costs			0	0	0	0	0	
Going to the Island Freight Improvements, N				Total Project Cost:	557,250		Area:	North
Confidence:	Low			Original Cost:	557,250		Objective:	Efficiency
Project Description								
The proposed project will construct and install Infrastructure Technology Services (ITS) infrastructure (communication network, new traffic controllers, CCTV cameras, travel time monitoring devices, and vehicle/pedestrian detectors). The project will provide for support of advanced control strategies such as transit signal priority and freight. This project is funded by a federal grant.								
Total Expenditures	0	32,450	111,450	445,800	0	0	0	557,250
Net Operations and Maintenance Costs			0	0	0	0	0	
Parking Machines				Total Project Cost:	4,200,000		Area:	Citywide
Confidence:	Low			Original Cost:	5,100,000		Objective:	Expansion
Project Description								
Purchase and install paystations in existing meter districts, including the replacement of single space meters or additional paystations to expand the paid parking. Project will be funded with bond proceeds to be repaid with parking meter revenues.								
Total Expenditures	0	2,420,000	300,000	1,000,000	500,000	0	0	1,800,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
South Rivergate Freight Project, N				Total Project Cost:	11,916,743		Area:	North
Confidence:	Low			Original Cost:	11,916,743		Objective:	Efficiency
Project Description								
This project will improve the intersection on N Lombard and N Rivergate Blvd to facilitate freight movement to the Rivergate Industrial District. If other funding can be identified the project will also begin preliminary engineering for a new overcrossing on Rivergate Blvd. The project is funded through Regional Flexible Funds.								
Total Expenditures	0	0	1,716,743	4,200,000	6,000,000	0	0	11,916,743
Net Operations and Maintenance Costs			0	0	0	0	0	
St. Johns Truck Strategy, Ph. II, N				Total Project Cost:	3,346,126		Area:	North
Confidence:	Low			Original Cost:	3,346,126		Objective:	Efficiency
Project Description								
This project will improve freight mobility on N Columbia Way and N Lombard and provide traffic calming improvements on N Fessenden and N St. Louis. The project is funded through Regional Flexible Funds and will begin design in 2016, with construction in 2017.								
Total Expenditures	0	445,200	834,200	2,511,926	0	0	0	3,346,126
Net Operations and Maintenance Costs			0	0	0	0	0	
SW Corridor Transit Project				Total Project Cost:	1,089,789		Area:	Southwest
Confidence:	Low			Original Cost:	700,000		Objective:	Growth
Project Description								
The Southwest Corridor Plan is a comprehensive approach to achieving community visions through integrated land use and transportation planning. It incorporates high capacity transit alternatives, multimodal projects and adopted local land use visions. Accompanying it is a shared investment strategy that includes key investments in roadways, active transportation, parks, trails and natural. The plan is currently exploring Bus Rapid Transit and Light Rail Transit alternatives for several alignments that connect the Portland Central City, Southwest Portland, Tigard, and Tualatin prior to development of a Draft Environmental Impact Statement. The General Fund is the source of the City's match contribution for the planning phase of the project.								
Total Expenditures	0	739,789	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Health & Livability								
NEW - 20th Ave: Raleigh-Upshur LID, NW				Total Project Cost:	7,086,368		Area:	Northwest
Confidence:	Low			Original Cost:	7,086,368		Objective:	Efficiency
Project Description								
This project constructs a new street connection from NW Raleigh St. to NW Upshur St. underneath the US-30 ramp; reconfigures the NW 23rd & Vaughn / US-30 ramp intersection, including sidewalks and bike lanes, in conjunction with the XPO Logistics (formerly Con-way) Master Plan and planned redevelopment. This project is funded by LID revenues.								
Total Expenditures	20,820	0	1,599,536	5,179,765	0	0	0	6,779,301
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
45th & California LID, SW				Total Project Cost:	811,276		Area:	Southwest
Confidence:	Moderate			Original Cost:	628,600		Objective:	Efficiency
Project Description								
The project will construct: a sanitary sewer and southbound bike lane on SW 45th Avenue from Vermont to California; an upsized replacement water main and fire hydrant on SW California Street; and sidewalks on SW 45th, Vermont and California in coordination with the SW 46th & Florida street vacation. This project is funded by a Local Improvement District (LID).								
Total Expenditures	123,513	503,032	258,144	206,563	0	0	0	464,707
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - 86th Ct. & Steele St LID, SE				Total Project Cost:	729,476		Area:	Southeast
Confidence:	Moderate			Original Cost:	729,476		Objective:	Replacement
Project Description								
It has been determined that the garage requires a series of improvements beyond standard maintenance activities. The project will include: upgraded of the interior and exterior street level storefronts, replacement of the HVAC system, modernization of the elevators, replacement of the stairs, major maintenance of the garage. This project is funded by LID revenues								
Total Expenditures	23,078	0	426,407	0	0	0	0	426,407
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Bancroft - Hood - Macadam / Moody Ave., SW				Total Project Cost:	598,365		Area:	Southwest
Confidence:	Low			Original Cost:	598,365		Objective:	Efficiency
Project Description								
This project will reduce the number of signal phases at the SW Bancroft St. / SW Hood Ave. / SW Macadam Ave. intersections by one phase to improve capacity and replace the existing traffic signal; realign Lowell St. between Macadam and Moody Avenues; and extend SW Moody Avenue south from SW Bancroft St. to SW Macadam Ave. via SW Hamilton Ct. SDCs are paying for this project.								
Total Expenditures	0	0	152,867	0	0	0	0	152,867
Net Operations and Maintenance Costs			0	0	0	0	0	
Bike Parking, CW				Total Project Cost:	420,000		Area:	Citywide
Confidence:	Low			Original Cost:	308,000		Objective:	Expansion
Project Description								
The need for bike parking has been identified in the Portland Bicycle Plan for 2030. This project will provide ongoing additional bicycle parking capacity and associated improvements in the right-of-way. The project is funded by the Bicycle Parking Fund (development fees).								
Total Expenditures	0	70,000	70,000	70,000	70,000	70,000	70,000	350,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Cook at Vancouver LID, N								
	Confidence:	Moderate		Total Project Cost:	991,864		Area:	North
				Original Cost:	991,864		Objective:	Replacement
Project Description								
This project constructs three new traffic signals at N. Vancouver & Cook (new), N. Vancouver & Fremont (upgraded with left turn signal), and N. Williams & Fremont. In addition, the project works on underground utilities on N/NE Fremont St. between NE Cleveland Ave. and N. Vancouver Ave. Construction on this project is completed. This project is funded by a combination of LID revenues and General Transportation Revenue.								
Total Expenditures	329,281	0	334,841	0	0	0	0	334,841
Net Operations and Maintenance Costs			0	0	0	0	0	
Couch Ct: 3rd Ave-Couch St LID, NE								
	Confidence:	Moderate		Total Project Cost:	473,132		Area:	Northeast
				Original Cost:	473,132		Objective:	Efficiency
Project Description								
Construct new one-way westbound street connection from NE Couch St. to NE 3rd Ave. to provide new access and improved circulation for the new Burnside Bridgehead development. This project is funded by an LID.								
Total Expenditures	21,305	331,738	275,171	0	0	0	0	275,171
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Dolph Ct & Spring Garden St. LID, SW								
	Confidence:	Low		Total Project Cost:	783,540		Area:	Southwest
				Original Cost:	783,540		Objective:	Replacement
Project Description								
This project constructs sidewalk and partial street improvements along Portland Parks & Recreation's frontages in conjunction with construction of the new Spring Garden Park. This project is funded by LID revenues								
Total Expenditures	14,636	0	725,000	0	0	0	0	725,000
Net Operations and Maintenance Costs			0	0	0	0	0	
East Portland Access Transit								
	Confidence:	Low		Total Project Cost:	4,472,481		Area:	East
				Original Cost:	4,472,000		Objective:	Replacement
Project Description								
This project combines pedestrian improvements on outer SE Division to assist with accessing transit with bikeway crossing improvements on the 130's Neighborhood Greenway. Project elements include sidewalk infill and crossing improvements on the route of the 130's Neighborhood Greenway. The overall goal of the project is to make accessing transit stops in east Portland safer and easier for both pedestrians and cyclists. The project is funded through federal and state grants and is matched by PBOT sidewalk infill and neighborhood greenways funding. Construction began in the spring of 2016.								
Total Expenditures	415,891	782,283	3,202,722	0	0	0	0	3,202,722
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total

Federal and State Program Match Fund			Total Project Cost:		4,882,764	Area:		Citywide
Confidence:	Low		Original Cost:		4,882,764	Objective:		Efficiency

Project Description

This program provides local matching funds for grants for up to approximately four to six project that may be awarded to the City through the state and federal programs for development, design, and construction of capital improvements. The program is funded by General Transportation Revenues.

Total Expenditures	0	0	312,994	0	1,190,529	1,283,457	1,283,457	4,070,437
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Gravel Street Program			Total Project Cost:		6,072,682	Area:		Citywide
Confidence:	Low		Original Cost:		6,072,682	Objective:		Replacement

Project Description

This project is a local streets program utilizing funding to subsidize shared street LIDs and provide deferral options for low income/fix income based upon Council-adopted street plans such as Errol Heights, Cully NA, Division-Midway, Tryon-Stephens Creek Watershed, and Woodstock NA. Funding can leverage private development, property funded-LIDs, and other external agency revenue while keeping costs low and providing a basic level of improvement for underserved areas. PBOT is moving forward with a test project on SW 19th: Taylor's Ferry to Marigold, which will pave SW 19th to Shared Street Standard and incorporate stormwater conveyance. The project is in partnership with BES where BES is fully funding a stormwater facility at SW 19th and Taylor's Ferry. The project was bidden on in January 2016 and began construction in spring of 2016. The project will be replicated on a larger scale in the Errol Heights area of Brentwood-Darlington in conjunction with BES. PBOT moved forward on a demonstration project in Errol Heights during FY 2015-16 which will result in construction in FY 2016-17 to pave several streets and incorporate regional stormwater solutions in this underserved area.

Total Expenditures	0	0	452,635	1,059,776	1,059,776	1,059,776	1,059,776	4,691,739
Net Operations and Maintenance Costs			0	0	0	0	0	

LID Street Design			Total Project Cost:		753,400	Area:		Citywide
Confidence:	Low		Original Cost:		1,473,922	Objective:		Replacement

Project Description

This is a placeholder for future Local Improvement District (LID) projects to be budgeted in the CIP after City Council approves property owners' request to form an LID to design, construct and finance transportation and stormwater infrastructure improvements. All project funding will be provided by the owners of benefiting properties.

Total Expenditures	0	174,000	178,500	400,900	0	0	0	579,400
Net Operations and Maintenance Costs			0	0	0	0	0	

Marine Drive Path: NE 112th Ave-185th Ave Sec.			Total Project Cost:		1,094,898	Area:		Northeast
Confidence:	Low		Original Cost:		1,077,000	Objective:		Efficiency

Project Description

The project will upgrade an existing signalized crossing at 112th to a pedestrian hybrid beacon, construct buffered bike lanes from NE 112th to just west of NE 122nd with one signalized street crossing, construct an off-street trail between proposed signal crossing east to 122nd, and install a new signalized crossing at NE 138th and well head #15, off-street trail improvements at Well Head #15, and new off street trail from the PLDAB site to NE 185th Ave. This project is funded through federal funds. Construction will begin in the Summer of 2016.

Total Expenditures	101,355	330,992	905,980	0	0	0	0	905,980
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
OR99W: SW 19th Ave to SW 26th - Barbur Blvd Demo				Total Project Cost:	1,999,331		Area:	Southwest
	Confidence:	Low		Original Cost:	2,000,000		Objective:	Maintenance-Safety

Project Description

This project will implement strategically selected improvements in the Demonstration Project Area recommended in the Barbur Boulevard Streetscape Plan, adopted by City Council in 1999. The project is focused on improving pedestrian and bicycle safety, connectivity, accessibility, and transit access. It will build critical missing gaps in the sidewalks and bike lanes along SW Barbur Blvd, rationalize driveways, make minor improvements to existing signalized intersections, and provide two new enhanced crossings for pedestrians and cyclists to access transit and destinations along or across SW Barbur Blvd. The project will begin design in 2016 with construction scheduled for 2017. Funding for the project is provided by a federal grant along with a match paid for by general transportation revenues.

Total Expenditures	0	132,245	435,477	1,111,445	378,180	0	0	1,925,102
Net Operations and Maintenance Costs			0	0	0	0	0	

PDC Small Projects				Total Project Cost:	400,000		Area:	Citywide
	Confidence:	Low		Original Cost:	500,000		Objective:	Efficiency

Project Description

This is a placeholder for small neighborhood transportation improvement projects, which may be identified and funded by PDC during the budget year.

Total Expenditures	0	200,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Powell-Division High Capacity Transit				Total Project Cost:	8,454,000		Area:	Southeast
	Confidence:	Low		Original Cost:	1,007,894		Objective:	Growth

Project Description

The purpose of this project is to begin implementation of recommendations from the Powell-Division Transit and Development Project planning effort led by Metro with Tri-Met, ODOT, Multnomah County, Portland, and Gresham. The project will provide a more robust, rapid, and reliable transit connection between Portland and Gresham on inner Powell Blvd transitioning to outer Division, including improved service and new station areas. Design and a National Environmental Policy Act (NEPA) review process was expected to begin in FY 2015-16, with early construction activities in FY 2017-18, and anticipated service opening in FY 2020-21. Project partners will likely seek Small Starts federal funding to leverage local matching funds, which, for the City of Portland, are expected to be Transportation System Development Charge revenues.

Total Expenditures	0	1,007,894	1,167,768	1,000,000	3,250,000	1,769,000	200,000	7,386,768
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Pre-LID Street Design				Total Project Cost:	180,000		Area:	Citywide
	Confidence:	Low		Original Cost:	150,000		Objective:	Replacement

Project Description

The costs of scoping and estimating LID projects are recovered at final assessment after completion of the project, but pre-LID estimates for projects that do not move forward cannot be recovered from property owners in the absence of constructing transportation and stormwater infrastructure improvements. It is not known beforehand whether an LID will move forward. However, those that do move forward provide considerable leverage to PBOT and advance Citywide objectives. These projects scope and estimate street, sidewalk, and stormwater improvements Citywide that require property owners to provide LID funding. Funding is from General Transportation Revenues.

Total Expenditures	0	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Red Electric Trail, SW				Total Project Cost:	2,337,320		Area:	Southwest
	Confidence:	Low		Original Cost:	1,929,183		Objective:	Replacement

Project Description

This project is the result of the 2007 Red Electric Trail Planning Study. The purpose of this phase of the project is to design and construct off-street and on street trail connections for pedestrians and cyclists between SW Bertha Court and SW Capitol Highway. Funding is primarily federal with local match from Portland Parks and Recreation.

Total Expenditures	90,532	354,946	971,557	900,000	0	0	0	1,871,557
Net Operations and Maintenance Costs			0	0	0	0	0	

Local Street Design

Public Work Permits				Total Project Cost:	10,400,000		Area:	Citywide
	Confidence:	Low		Original Cost:	4,382,514		Objective:	Expansion

Project Description

The Public Works Permit project provides for the plan review and construction engineering on all new and remodeled residential, commercial, and industrial projects. All engineering and plans work is performed by private sector professional engineers. The project is funded with fees paid by developers.

Total Expenditures	0	1,450,000	1,750,000	1,800,000	1,800,000	1,800,000	1,800,000	8,950,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Safety

NEW - 122nd Safety Improvements, SE/NE				Total Project Cost:	4,690,000		Area:	Northeast/ Southeast
	Confidence:	Low		Original Cost:	4,690,000		Objective:	Efficiency

Project Description

This projects constructs safety improvement in conjunction with improved Tri-Met services, including sidewalk improvements on SE Holgate and pedestrian crossing improvements on SE and NE 122nd Ave. This project is funded by one-time General Fund resources.

Total Expenditures	0	0	4,135,806	0	0	0	0	4,135,806
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total	
20s Bikeway: Harney-Lombard, NE/SE				Total Project Cost:		3,353,690		Area:	Northeast/ Southeast
	Confidence:	Low		Original Cost:		2,338,000		Objective:	Maintenance- Safety
	Project Description								
This project implements a major north-south bicycle route in the Bicycle Master Plan, adopted by City Council in 1998 and updated in 2010. The project will fill in a major missing link in the bicycle network, connecting existing north and south of the project to provide a continuous bicycle facility from the north end of the city to the south. Major elements of the project include crossing improvements at major street intersections and traffic calming to reduce traffic volumes and speeds on local streets. Funding for the project comes from a federal Metropolitan Transportation Improvements Program grant. Construction is expected to begin in fall of 2016.									
Total Expenditures	958,359	1,191,252	418,571	0	0	0	0	418,571	
Net Operations and Maintenance Costs			0	0	0	0	0		
Active Transportation Improvements				Total Project Cost:		3,400,000		Area:	Citywide
	Confidence:	Low		Original Cost:		5,642,422		Objective:	Efficiency
	Project Description								
The project continues pedestrian and bicycle safety improvements throughout the city by providing the following: crossing improvements at busier streets, speed reduction on neighborhood streets, neighborhood safety improvements, sidewalk and bicycle network infill, and safety improvements on the pedestrian and bicycle network. The funding for this program is a combination of General Transportation Revenues, which leverage grants from other City and regional agencies, as well as state and federal dollars.									
Total Expenditures	0	2,511,915	900,000	600,000	600,000	600,000	600,000	3,300,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
Burgard Rd at Time Oil Rd, N				Total Project Cost:		2,635,000		Area:	Citywide
	Confidence:	Low		Original Cost:		2,635,000		Objective:	Expansion
	Project Description								
This is a priority project in the Freight Master Plan and implements the St Johns Truck Strategy by reinforcing the Burgard/Lombard street segment as the designated freight route in north Portland. This phase of the project will focus improvements along the Time Oil/Burgard intersection to improve sight distance and mainline system performance, reduce travel delays and vehicular conflicts between trucks and autos, and improve ingress/egress to the NW Container Service property. This project will widen the existing roadway and include two 12-foot travel lanes, as well as one 14-foot left turn lane with two left turn pockets to accommodate truck turning movements onto northbound N Time Oil Rd and into the NW Container Services site. This project is funded though federal funds, with construction beginning in the spring of 2016.									
Total Expenditures	177,405	603,103	1,919,899	0	0	0	0	1,919,899	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Burnside St: 8th-24th, W				Total Project Cost:	1,973,327		Area:	West
Confidence:	Low			Original Cost:	1,973,327		Objective:	Efficiency
Project Description								
This project includes pedestrian safety and crossing Improvements on W Burnside between 8th and 24th. This project is funded through one-time General Fund resources.								
Total Expenditures	0	0	1,591,086	0	0	0	0	1,591,086
Net Operations and Maintenance Costs			0	0	0	0	0	
Central City Multi-Modal Safety Projects				Total Project Cost:	6,129,750		Area:	Central City
Confidence:	Low			Original Cost:	6,618,001		Objective:	Efficiency
Project Description								
This project will identify and implement specific projects in the downtown area to improve bicycle and pedestrian safety and encourage greater use of active transportation in the downtown core. The project is funded through Regional Flexible Funds, with planning activities beginning in winter 2016.								
Total Expenditures	5,877	481,196	896,256	4,918,244	0	0	0	5,814,500
Net Operations and Maintenance Costs			0	0	0	0	0	
Connect Cully, NE				Total Project Cost:	3,337,373		Area:	Northeast
Confidence:	Low			Original Cost:	3,337,372		Objective:	Efficiency
Project Description								
This project will provide sidewalk improvements on bikeway improvements along NE Killingsworth St and NE 72nd Ave, in the Cully neighborhood. The project is funded by Transportation Enhance funds and will begin design in 2016, with construction scheduled for 2017.								
Total Expenditures	0	235,432	640,924	2,084,778	526,670	0	0	3,252,372
Net Operations and Maintenance Costs			0	0	0	0	0	
Downtown I-405 Ped Safety Imp, SW				Total Project Cost:	2,240,094		Area:	Southwest
Confidence:	Low			Original Cost:	2,240,094		Objective:	Efficiency
Project Description								
This project will provide pedestrian safety improvements at several key intersections in the vicinity of I-405. The project is funded by the ODOT Enhance funds. Design will begin in 2016, with construction in 2018.								
Total Expenditures	0	254,534	357,520	1,882,574	0	0	0	2,240,094
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
East Portland Access to Employment				Total Project Cost:	5,870,072			Area: East
	Confidence:	Low	Original Cost:		5,870,072			Objective: Efficiency
Project Description								
This project will provide bicycle and pedestrian improvements in east Portland to improve access to transit. Specific improvements include the 150s Neighborhood Greenway and sidewalk infill improvements. The project is funded through the Regional Economic Opportunity Fund. The project will begin development in 2015, with construction scheduled for 2017.								
Total Expenditures	0	267,000	2,226,817	3,643,255	0	0	0	5,870,072
Net Operations and Maintenance Costs			0	0	0	0	0	
Foster Rd: Powell Blvd - 90th Ave, SE								
			Total Project Cost:	5,667,784			Area: Southeast	Maintenance-
	Confidence:	Low	Original Cost:		3,250,000			Objective: Safety
Project Description								
SE Foster Road has experienced numerous problems, including safety ones, since the completion of the Foster Road Transportation and Streetscape Plan in 2003 and is identified as a high crash corridor. The SE Foster Road Safety and Sidewalk Enhancement Project will introduce bicycle lanes along Foster Road, while preserving space for a potential future streetcar, widened sidewalks in Lents, street trees and ADA curb ramps, curb extensions, crossing improvements at targeted locations, and street trees and street lighting throughout the corridor. Funding for this project comes from Regional Flexible Funds and Urban Renewal Funds from the Portland Development Commission. Design began in 2015, with construction scheduled for 2017.								
Total Expenditures	0	700,000	3,614,789	1,152,995	0	0	0	4,767,784
Net Operations and Maintenance Costs			0	0	0	0	0	
Halsey/Weidler: 103rd - 113th, NE								
			Total Project Cost:	1,692,898			Area: Northeast	
	Confidence:	Low	Original Cost:		470,900			Objective: Efficiency
Project Description								
The project will improve selected intersections in the corridor with curb extensions and other enhancements. The project is funded by the Portland Development Commission, with construction beginning in spring 2016.								
Total Expenditures	3,611	300,900	1,462,846	0	0	0	0	1,462,846
Net Operations and Maintenance Costs			0	0	0	0	0	
Hwy Safety Improvement Prgm (HSIP) & Safety Ops CW								
			Total Project Cost:	4,452,505			Area: Citywide	
	Confidence:	Low	Original Cost:		5,201,372			Objective: Efficiency
Project Description								
The program goal for Highway Safety Improvement Program (HSIP) is to reduce fatal and serious injury crashes on all public roads, driven by safety data. Projects include safety features such as signals, crosswalks, and pedestrian beacons. This is a federally funded project managed by ODOT, with ODOT paying the difference between the total project cost and the funds allocated in the City's Adopted Budget directly to contractors.								
Total Expenditures	0	236,192	3,099,873	195,636	0	0	0	3,295,509
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Sellwood Bridge, SE				Total Project Cost:	89,064,275		Area:	Southeast
Confidence:	Low			Original Cost:	392,500		Objective:	Replacement
Project Description								
The Sellwood Bridge project is a Multnomah County project with the City of Portland serving as a partnering agency. The project will replace the Sellwood Bridge and modify the west side interchange to accommodate pedestrians, bicyclists, motor vehicles, and transit operations. The project is in the construction phase, anticipated to be complete in 2016. The project is funded by local and federal transportation funds.								
Total Expenditures	72,164,275	16,924,000	16,400,000	0	0	0	0	16,400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Southwest Portland in Motion, SW				Total Project Cost:	303,132		Area:	Southwest
Confidence:	Low			Original Cost:	303,132		Objective:	Efficiency
Project Description								
This project will evaluate active transportation needs in SW Portland and propose a prioritized program of improvements. The project is funded by Regional Flexible Funds and will begin in 2016.								
Total Expenditures	0	303,132	151,632	0	0	0	0	151,632
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Street Repair & Safety Improvement Prgm				Total Project Cost:	64,000,000		Area:	Citywide
Confidence:	Low			Original Cost:	64,000,000		Objective:	Maintenance & Repair
Project Description								
Voters in Portland approved a temporary Street Repair and Safety Program in May of 2016 to finance street repair and safety improvements. The program will provide for pavement repair, signal modernization, more crosswalks and safety beacons, better and safer access to school, and transit and community services for Portland's kids, senior and families. The program is funded by a temporary 10% gas tax approved by the voters and a heavy vehicle use fee passed by Council ordinance.								
Total Expenditures	0	0	2,294,688	0	0	0	0	2,294,688
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Water Bureau

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Customer Service								
Security and Emergency Mgt				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
The bureau is committed to increasing flexibility and preparedness to meet future security challenges, to enhance security throughout the water system, and to modernize security practices and infrastructure. Projects funded by this budget will include physical security improvements to major and smaller facilities as well as improved security in the overall water distribution system and control and communications system. In FY 2016-17, the funding requested is for any needed replacement of surveillance equipment. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	313,000	66,000	66,000	66,000	66,000	66,000	330,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Distribution								
Cornell Road Services to Macleay				Total Project Cost:	830,000		Area:	Northwest
	Confidence:	Low		Original Cost:	830,000		Objective:	Expansion
Project Description								
Portland Water Bureau agreed to construct a new water main and activate about 10 service accounts for property owners receiving water from a water main owned by Parks and constructed in 1931. This project will replace this main with about 1.5 miles polyethylene plastic main in Cornell Road from Skyline Boulevard. In FY 2016-17, the project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	77,510	107,000	652,000	1,000	0	0	0	653,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Council Crest Tank Roof								
	Confidence:	Low		Total Project Cost:	700,000		Area:	Southwest
				Original Cost:	700,000		Objective:	Replacement
Project Description								
Council Crest Tank is the highest-elevation tank in southwest Portland and serves approximately 1,300 customers with no backup gravity supply. Due to corrosion of the exposed structure, there is a risk of roof collapse from the effects of an earthquake or an ice or wind storm. Roof failure could result in a long-term boil water notice, frequent outages, and reactive repair costs. This project will replace the Council Crest Tank roof and upper wall shell. In FY 2016-17, this project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	155,000	163,000	442,000	0	0	0	605,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Distribution Mains				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The bureau is committed to improving maintenance of the water system infrastructure, including repairs, replacements and upgrades. This program supports rehabilitation and replacement of substandard mains; expansion due to private lands development; increased water supply for fire protection; improved water quality; and water system upgrades due to local improvement districts and street improvements. The Portland Water Bureau uses a risk-based, reliability-centered approach to identify, catalog, and prioritize projects to ensure minimal disruption to customers. Distribution main replacements also include appurtenances such as fire hydrants, valves, pressure regulators, service branches, and other facilities. Small projects, under \$125,000, are normally completed by bureau personnel. Projects with construction estimates of more than \$125,000 are typically put out for bid. Many projects in this program provide for the relocation and adjustment of water facilities to accommodate storm drainage and sewer pipelines constructed by the Bureau of Environmental Services, roadway configuration changes, pavement overlays, and bridge improvements for the Portland Bureau of Transportation and the Oregon Department of Transportation. Other bureaus reimburse a portion of the costs based on the age of the existing water facility. In FY 2016-17, the bureau expects to work on about 50 minor distribution mains projects. Recently, there has been an increase in the number of petition mains supporting new development. Also, the bureau expects to complete design of several larger mains including NW Saltzman Rd Main Replacement and SW Commonwealth Ave East of Cross. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, other construction fund revenues such as system development charges and interest earnings, and interagency revenues.								
Total Expenditures	0	11,873,650	14,276,000	16,499,000	13,650,000	15,735,000	20,000,000	80,160,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Field Support				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
This program funds the supplies, equipment, and facilities that the bureau field crews use to maintain and operate the water system. The bureau's fleet of construction equipment and vehicles are managed through this program. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	3,246,000	3,855,000	3,932,000	3,932,000	3,976,000	3,976,000	19,671,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fulton Pump Station Improvements				Total Project Cost:	17,375,500		Area:	Southwest
	Confidence:	High		Original Cost:	11,647,000		Objective:	Replacement
Project Description								
The 2006 Burlingame Service Area Supply Facility Master Plan recommended that the existing Fulton Pump Station be replaced or rehabilitated to mitigate the risk of an extended outage due to failure. Major studies recommending this project include the Burlingame Service Area Supply Facilities Master Plan (2006), the Distribution System Master Plan (2007), and the Fulton Pump Station Improvements Project Basis of Design Report (2007). This project replaced the 12-million-gallon per day Fulton Pump Station with a new facility located in Willamette Park. In FY 2016-17, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	5,430,416	7,030,000	4,215,000	0	0	0	0	4,215,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Greenleaf Pump Station				Total Project Cost:	1,710,000		Area:	Northwest
	Confidence:	Low		Original Cost:	1,710,000		Objective:	Replacement
Project Description								
Greenleaf Pump Station will be improved to allow for the demolition of the Penridge Tank. Parts of the Penridge tank are corroded and PWB recommends the Greenleaf pump station improvements in lieu of replacing the tank. The station will be fitted with energy-efficient pumps for normal distribution needs and two large pumps for fire protection. In FY 2016-17, this project will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	243,370	300,000	140,000	1,000,000	40,000	0	0	1,180,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Hydrants				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
There are approximately 16,000 fire hydrants connected to the Portland water system. These hydrants allow Portland the flexibility and preparedness to meet the challenge of a fire emergency through coordination with the Portland Fire & Rescue Bureau. This subprogram replaces fire hydrants that are nonstandard or no longer repairable to increase efficiency. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges, interagency reimbursements and interest earnings.								
Total Expenditures	0	1,812,500	1,369,000	1,369,000	1,369,000	1,369,000	1,369,000	6,845,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Interstate Facility Rehabilitation				Total Project Cost:	49,370,000		Area:	Central City
	Confidence:	High		Original Cost:	49,383,000		Objective:	Replacement
Project Description								
This project built two new buildings to replace the 85-year-old PWB Maintenance Building, which served as the main office and warehouse. Site improvements to the 11-acre campus improved vehicle and employee circulation and brought the property up to current code requirements for stormwater management and landscaping as well as seismic resiliency. Master planning from 2000 –2006 developed the baseline requirements for current and long-term needs. In FY 2016-17, this project will be completed and closed out. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	43,901,214	5,298,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Meters								
	Confidence:	Optimal		Total Project Cost:	Ongoing		Area:	Citywide
				Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The bureau has thousands of meters that monitor the quantity of water flowing through the system. The bureau purchases about 8,500 meters annually. These meters are tools to effectively and efficiently manage the allocation of costs of service to public agencies, commercial enterprises, and other non-residential customers. The bureau is also installing automated meter-reading devices and non-skid access lids where applicable. The bureau objective is to maintain metering devices to read within 3% of actual values. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, BES contribution, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	1,092,000	1,139,000	1,139,000	1,139,000	1,139,000	1,139,000	5,695,000
Net Operations and Maintenance Costs			0	0	0	0	0	
N Jantzen Ave west of Pavilion								
	Confidence:	Low		Total Project Cost:	1,290,000		Area:	North
				Original Cost:	1,290,000		Objective:	Replacement
Project Description								
This replacement main is recommended for following reasons: (1) as many as six nonstandard services lack complete documentation and documented backflow devices, (2) the nonstandard services have leak histories and other possible undocumented private connections, (3) the asbestos-concrete main (while not affecting water quality) requires specialized training and personal protection for repairs. This project will correct services without backflow devices and replace approximately 2,200 ft. of substandard asbestos-concrete and plastic water lines. The project will also install six fire hydrants. In FY 2016-17, this program will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	49,685	59,000	1,135,000	15,000	0	0	0	1,150,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Penridge Mains								
	Confidence:	Low		Total Project Cost:	2,530,000		Area:	Northwest
				Original Cost:	2,530,000		Objective:	Replacement
Project Description								
This project will replace approximately 8,000 feet of existing main and renew 41 1-inch domestic services and install seven hydrants. This work will allow the Penridge Tank to be removed from service without further diminishing already substandard fire flows. The Greenleaf Pump Station is being replaced in a separate project. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	300,000	230,000	2,000,000	0	0	2,530,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Pump Stations and Tanks				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Optimal		Original Cost:		Ongoing	Objective:	Replacement

Project Description

This program maintains a large variety of infrastructure consisting of water storage tanks, pumps, and pump and control facilities. The bureau uses a reliability-centered maintenance analysis to prioritize projects in these areas. The focus for this program continues to be the replacement of the remote telemetry units at over 140 remote sites. The existing units are over 15 years old and are becoming obsolete. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	757,000	1,413,000	788,000	1,610,000	3,286,000	3,286,000	10,383,000
Net Operations and Maintenance Costs			0	0	0	0	0	

SE Flavel St from Henderson				Total Project Cost:		640,000	Area:	Southeast
	Confidence:	Optimal		Original Cost:		640,000	Objective:	Replacement

Project Description

Two existing sections of dead-end 4-inch mains were replaced with 1,800 feet of 12-inch and 8-inch mains to stop leaks, improve water quality, and enhance water available to suppress fires. In FY 2016-17, the project will close out. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	54,458	443,000	5,000	0	0	0	0	5,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Services				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Optimal		Original Cost:		Ongoing	Objective:	Maintenance & Repair

Project Description

A service is the connection between the water main and any given customer's service meter. Service connections are always performed by bureau crews. This program funds installation and upgrade of about 1,000 water service connections annually. The funds facilitate construction of replacement water services requested by customers for new development as well as redevelopment. A fee is collected for new service requests to partially reimburse the bureau's costs. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges, interagency revenue, and interest earnings.

Total Expenditures	0	4,957,500	4,545,000	4,545,000	4,545,000	4,545,000	4,545,000	22,725,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
SW Bancroft Terr near Terwilliger				Total Project Cost:	490,000		Area:	Southwest
Confidence:	Low			Original Cost:	490,000		Objective:	Replacement
Project Description								
The existing two-inch galvanized main has had nine recorded leaks, with five occurring in the last three years. Abandoning the main and easement reduces risk of leaks and property damage. The project will install about 800 feet of main. In FY 2016-17, this project will complete construction and close. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	98,100	78,000	306,000	0	0	0	0	306,000
Net Operations and Maintenance Costs			0	0	0	0	0	
SW Flower Terrace at Dosch				Total Project Cost:	541,000		Area:	Southwest
Confidence:	Low			Original Cost:	550,000		Objective:	Replacement
Project Description								
The existing four-inch main is in poor condition and has had two leaks in the past seven years. The repair crew has recommended replacement. This project will replace 1,490 feet of four-inch cast iron main with six-inch main, renew 35 one-inch services, and install three hydrants. In FY 2016-17, this project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	10,520	60,000	458,000	23,000	0	0	0	481,000
Net Operations and Maintenance Costs			0	0	0	0	0	
SW Nevada and Macadam				Total Project Cost:	660,000		Area:	Southwest
Confidence:	Optimal			Original Cost:	690,000		Objective:	Replacement
Project Description								
This project replaced 370 feet of 12-inch main in SW Nevada Street with an eight-inch main, from Macadam Avenue west to Fulton Pump Station. The previous 12-inch steel main was installed in 1942 and was in poor condition. This replacement is being coordinated with the Fulton Pump Station Replacement project (W01358) which will impact the existing distribution mains in Nevada Street. Work was required in Macadam Avenue in order to abandon the existing distribution main in Nevada Street, and limit the extent of customer water outages. In FY 2016-17, this project will close out. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	65,902	584,000	5,000	0	0	0	0	5,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - SW Vista Ave from Spring St to Laurel St	Total Project Cost:			866,000		Area:		Southwest
	Confidence:	Low	Original Cost:		866,000		Objective:	Southwest Maintenance & Repair
Project Description								
The existing 8-inch main has had six recorded leaks with four occurring in the last two years. Maintenance and Construction recommends replacement. Cast iron pipe is more brittle than ductile iron pipe and therefore is more likely to break. Bureau management decided to extend replacement to other sections of a similar age. This project will replace approximately 1,600 feet of mains, various hydrants and services. In FY 2016-17, the project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	12,359	0	493,000	298,000	0	0	0	791,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Verde Vista PS Improvements								
Total Project Cost:			1,040,000		Area:		Southwest	
	Confidence:	Low	Original Cost:		1,040,000		Objective:	Southwest Maintenance & Repair
Project Description								
This project increases system reliability to the Northwest Hills of Portland, by providing the pumping capacity to meet future peak-day demands for the Northwest Hills Service Area when Hoyt Pump Station supply is out of service. Improvements will allow the bureau to deliver water to the Pittock and Calvary tanks, and the existing Burnside Pump Station allowing it to be decommissioned. The Verde Vista station will be fitted with two additional pumps and piping improvements. In FY 2016-17, the project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	65,000	65,000	100,000	800,000	65,000	0	1,030,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Willamette Blvd Bridge Main Replacement								
Total Project Cost:			4,500,000		Area:		North	
	Confidence:	Low	Original Cost:		4,500,000		Objective:	Replacement
Project Description								
The 20-inch pipeline on the N. Willamette Boulevard Bridge is the primary supply to approximately 5,000 services in North Portland and to the St. John's pipeline crossing of the Willamette River. Both the existing 20-inch pipeline on the bridge and the bridge are in poor condition. The pipeline is vulnerable to failure due to condition and also due to a seismic event. This project will install 950 feet of 24-inch pipe in 42-inch casing, plus an additional 200 feet of un-cased 24-inch pipe to connect to the existing system. The bureau will abandon the existing 20-inch pipeline crossing the Willamette Boulevard Bridge. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	250,000	860,000	440,000	2,670,000	280,000	4,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Willamette River Pipe Crossing				Total Project Cost:	56,150,000		Area:	Central City
Confidence:		Low		Original Cost:	57,000,000		Objective:	Replacement

Project Description

The project provides for the replacement of major pipelines to strengthen the transmission link between Powell Butte and the service areas west of the Willamette River, including downtown and the storage reservoirs at Washington Park. The project will include construction of a new seismically strengthened river crossing to replace one or two of the existing Willamette River crossings, and new transmission piping on both sides of the Willamette River. In FY 2016-17, this project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	805,229	250,000	2,520,000	12,450,000	39,700,000	100,000	0	54,770,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Regulatory Compliance

Water Quality and Regulatory				Total Project Cost:	Ongoing		Area:	Undetermined
Confidence:		High		Original Cost:	Ongoing		Objective:	Mandated

Project Description

The bureau recognizes the Bull Run Watershed as a diverse ecosystem. The bureau is committed to preserving this habitat and complying with federal regulations using practical, locally driven solutions. Many of the projects in this subprogram respond to the Clean Water Act and Endangered Species Act, including the implementation of the Bull Run Habitat Conservation Plan as adopted by City Council and approved by the National Marine Fisheries Service. Consistent with Habitat Conservation Plan commitments, this program funds easements, purchases land, and supports projects jointly conducted with other watershed partners. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	958,500	1,964,000	2,328,000	2,278,000	2,278,000	2,278,000	11,126,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Water Quality Lab Remodel				Total Project Cost:	450,000		Area:	Central City
Confidence:		Low		Original Cost:	450,000		Objective:	Expansion

Project Description

The conditions of the Bull Run Treatment Variance require Portland to maintain an ongoing monitoring program for Cryptosporidium. To date, the Water Bureau has been meeting the BRTV monitoring conditions by shipping water samples across the country to accredited private contract laboratories--of which only a handful exist. It has become increasingly challenging to meet the bureau's weekly monitoring requirements, combined with the projected decline in the commercial Cryptosporidium lab industry, it is necessary for the bureau to secure its own in-house capabilities and expertise in order to ensure ongoing compliance. This project will create an in-house laboratory section within the existing Water Quality Laboratory at Interstate to support the requirements of the Bull Run Treatment Variance. In FY 2016-17, the project will complete design and construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	400,000	50,000	0	0	0	450,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Supply								
Bull Run Watershed				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
The Bull Run Watershed provides one of the highest quality drinking water sources in the United States. The bureau is committed to updating the Bull Run Watershed protection and maintenance procedures and agreements based on the 2007 Bull Run Agreement with the Mt. Hood National Forest. Funds in this program maintain, improve, and protect the watershed roads and facilities. Many of these facilities are between 50 and 70 years old. Projects address the proper functioning of watershed assets, such as the dams and the intake and treatment facilities. Proper functioning of these assets helps the bureau to continue to operate an unfiltered system. In FY 2016-17, the bureau will continue discussions about the formal land exchange with the U.S. Forest Service. The proposed land exchange would convey approximately 2,800 acres of National Forest System land to the City of Portland in exchange for approximately 2,500 acres of City-owned lands within the Bull Run Watershed Management Unit. The purpose of the proposed land exchange is to create a better alignment of land ownership responsibilities with the respective missions of the agencies. The proposed exchange would consolidate City holdings to lands surrounding the two water supply reservoirs and associated infrastructure. The U.S. Department of Agriculture Forest Service would acquire forested uplands that are valuable for natural resource protection and ecosystem management. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	243,600	392,000	96,000	2,278,000	3,417,000	3,500,000	9,683,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Dam 1 Needle Valve Replacement								
	Confidence:	Low		Total Project Cost:	3,260,000		Area:	Undetermined
				Original Cost:	3,260,000		Objective:	Replacement
Project Description								
The needle flow control valves are 89 years old and were refurbished 24 years ago. The valves are antiquated, leaky, difficult to open and close, and pose a risk to operator safety. This project will replace the three existing needle valves, actuators, and control panels at Dam 1 with new jet-flow gate valves or fixed-cone valves. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	370,000	2,430,000	460,000	0	0	3,260,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Groundwater								
	Confidence:	Optimal		Total Project Cost:	Ongoing		Area:	Northeast
				Original Cost:	Ongoing		Objective:	Efficiency
Project Description								
The Columbia South Shore Well Field is Portland's alternative supply of water should the Bull Run Watershed supply be interrupted for any reason. The well field's primary use is to supplement the bureau peak demand in summers. If flow from Bull Run source must be interrupted or augmented due to storm-caused turbidity, drought conditions, or other causes, then the bureau pumps groundwater. The groundwater supply also allows the bureau to continue to operate without constructing and operating a filtration facility. Projects funded in this program improve the maintenance of this aging infrastructure, including repairs, selective replacements, and upgrades. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues, such as system development charges and interest earnings.								
Total Expenditures	0	718,500	515,000	570,000	570,000	570,000	1,000,000	3,225,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Groundwater Electrical Supply				Total Project Cost:	2,350,000		Area:	Northeast
								Maintenance
	Confidence:	High		Original Cost:	2,200,000		Objective:	& Repair
Project Description								
The 2000 Portland Water Bureau System Vulnerability Analysis and later reports identified a vulnerability for electrical failures at PWB's Groundwater Pump Station. The cost of a possible transformer failure is significant, mainly due to the time needed for transformer replacement. The 2009 Portland Water Bureau Groundwater Pump Station 115kV/4160V Electrical Systems Vulnerability Reduction document studied alternatives for addressing the risk. Other major studies that addressed this issue are the 2008 Groundwater Vulnerability to Flooding and Electrical Outages Project Concept Report and the 2008 Suggestions for Additional Groundwater Vulnerability Reduction Assessment. This project consists of design and construction of a new high-voltage transformer and other components to complete a double-ended electrical substation at the Groundwater Pump Station. It will also include a new main breaker replacement and purchase of selected spare components. In FY 2016-17, this project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	349,959	500,000	525,000	0	0	0	0	525,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Headworks Septic System Replacement								
				Total Project Cost:	475,000		Area:	Undetermined
	Confidence:	Low		Original Cost:	475,000		Objective:	Replacement
Project Description								
The Headworks septic system currently does not meet the current requirements on site wastewater disposal. The Headworks Facilities Plan includes two projects that would require replacement of the existing septic system. Replacing the septic system now will prepare the Headworks site for future replacement of Headworks facilities, provide a system that is reliable and meets current state requirements, and eliminate a drain field close to the river. This project will replace the existing septic system (tank and drain field) at Headworks with a new subsurface sewage disposal system including a pump station, force main, and drain field at Kaiser Park. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	65,000	410,000	0	0	0	475,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Microwave Communications System								
				Total Project Cost:	2,214,000		Area:	Undetermined
	Confidence:	Low		Original Cost:	2,214,000		Objective:	Replacement
Project Description								
The bureau microwave equipment is obsolete and parts are no longer available from the manufacturer. In addition, the Bureau of Technology Services recommends changing the system to increase the reliability and bandwidth. In the past year, there have been two equipment failures on the Council Crest tower, which has resulted in data loss. This project will replace existing microwave communications equipment on seven towers and facilities throughout the system with new equipment. In FY 2016-17, the project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	518,000	1,626,000	0	0	0	2,144,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Road 10 MP 3.0 - 4.6				Total Project Cost:		1,346,000		Area: Citywide
	Confidence:	Moderate		Original Cost:		1,120,000		Maintenance & Repair

Project Description

This road is in poor condition and the road width does not meet the current design standard. It is another segment of Road 10 that is part of the primary access road to the bureau's Headworks facility. It is used regularly by heavy vehicles delivering supplies and by bureau staff reporting to work daily. This project will grind existing pavement, restore road subgrade, pave, and stripe 1.6 miles of Road 10. The road will be brought up to current standards for width using fill and walls to add an average of three feet of width to the segment. Approximately nine culverts will be replaced. In FY 2016-17, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	136,812	160,000	1,165,000	0	0	0	0	1,165,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Road 10 MP 4.6 - 6.2				Total Project Cost:		1,280,000		Area: Citywide
	Confidence:	Low		Original Cost:		1,280,000		Maintenance & Repair

Project Description

This segment of Road 10 is part of the primary access to the bureau's Headworks facility. It also provides a secondary egress from the watershed, should the main route be blocked. This important road assessed as in "poor" condition and the road width does not meet the current design standard. This project will grind existing pavement, restore road subgrade, pave, and stripe two miles of Road 10. The road will be brought up to current standards for width using fill and walls to add an average of two feet of width to the segment. Approximately six culverts will be replaced with aluminum alloy pipe. In FY 2016-17, this project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	41,709	121,000	858,000	0	0	0	0	858,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Road 10H MP 10.95 to 12.56				Total Project Cost:		1,250,000		Area: Undetermined
	Confidence:	Low		Original Cost:		822,000		Maintenance & Repair

Project Description

This segment of Road 10 provides access from Headworks to secondary egress from the watershed, should the main route be blocked. This secondary road is at the low end of fair condition and the road width does not meet the current design standard for this Class A road. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, pave, and stripe 1.61 miles of Road 10. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will also be replaced. Culvert inspection during design may indicate a need to replace more. In FY 2016-17, this project will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	120,000	161,000	1,018,000	0	0	0	1,179,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Road 10R MP 28.77 to 31.85				Total Project Cost:		2,100,000		Area: Undetermined
	Confidence:	Low		Original Cost:		2,100,000		Maintenance & Repair
Project Description								
This segment of Road 10 provides access from Bull Run Lake to secondary egress from the watershed, should the main route be blocked. This secondary road is considered at the low end of "fair" condition with a remaining service life of approximately five years. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, reconstruct turnouts, pave, and stripe 3.08 miles of Road 10. The road meets the design width for this Class B segment; however several failures have occurred in turnouts designed to accommodate passing vehicles. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will be replaced. Culvert inspection during design may indicate the need to replace more. In FY 2016-17, this project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	60,000	200,000	740,000	1,100,000	0	0	2,040,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Support								
Planning				Total Project Cost:		Ongoing		Area: Undetermined
	Confidence:	Optimal		Original Cost:		Ongoing		Objective: Efficiency
Project Description								
This program consists of general planning studies for projects needed to improve the operation of the water system. These include pressure zone adjustments, facility modifications, and system element studies. In FY 2016-17, the bureau will finalize a large-scale water system seismic analysis. The bureau will also continue studies on topics such as water quality, tank and pump station issues, groundwater upgrades, and Bull Run supply elements. The project funding is from water sales revenue.								
Total Expenditures	0	2,184,000	2,278,000	2,848,000	2,848,000	2,848,000	2,848,000	13,670,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Transmission/Terminal Storage								
Conduits and Transmission Mains				Total Project Cost:		Ongoing		Area: Undetermined
	Confidence:	Optimal		Original Cost:		Ongoing		Maintenance & Repair
Project Description								
The conduits that bring water to Portland from the Bull Run watershed are pipes 56 to 72 inches in diameter. This program funds repairs, replacements, and upgrades to improve availability and accuracy of metered data from wholesale connections. Service to the City's wholesale customers is a key reason for the bureau's commitment to improve maintenance of this aging infrastructure. In future years, the bureau plans to rehabilitate four to five miles of conduits each year at an estimated cost of \$4 to \$5 million dollars per mile. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	126,000	1,104,000	2,848,000	5,684,000	15,645,000	15,645,000	40,926,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
NEW - Gresham Conduit 2 Trestle Upgrades				Total Project Cost:	1,150,000		Area:	Citywide
	Confidence:	Low		Original Cost:	1,150,000		Objective:	Maintenance & Repair
Project Description								
This project will install 13 ring girders and scour protection on both the El Camino and Beaver Creek trestles. These improvements mitigate Conduit 2 failure risks due to seismic and flooding events, which will improve the bureau's supply resiliency due to natural disasters. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	250,000	655,000	230,000	0	0	1,135,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Rockwood PUD Meter				Total Project Cost:	530,000		Area:	East
	Confidence:	High		Original Cost:	530,000		Objective:	Efficiency
Project Description								
This project will design and construct a replacement meter vault outside of the traffic lanes to reduce risk. The existing vault houses a wholesale meter with instrumentation and requires the closure of multiple lanes to access. Due to width and height restrictions, the business case identifies a high risk exposure to injury to staff working in the vault. The new vault will be in the parking lane and sidewalk area, and will contain a check valve. Piping will be installed to reconnect the supply main to the distribution main. In FY 2016-17, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	79,990	200,000	5,000	0	0	0	0	5,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Tabor Reservoir Adjustments				Total Project Cost:	8,152,700		Area:	Southeast
	Confidence:	High		Original Cost:	6,406,994		Objective:	Mandated
Project Description								
This project has made adjustments to piping, structures, and other features at Mt. Tabor in order to move storage elsewhere and physically disconnect the open reservoirs from the public water system for compliance with the federal LT2 rule. The adjustments were arranged around the historical structures to avoid damage. The project does not include disposition of the reservoirs after they have been disconnected from the public water system. In FY 2016-17, this project will continue construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	1,793,621	3,337,000	2,800,000	159,000	0	0	0	2,959,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Terminal Reservoirs								
	Confidence:	Optimal		Total Project Cost:	Ongoing		Area:	Southeast
				Original Cost:	Ongoing		Objective:	Mandated
Project Description								
The Terminal Reservoirs program includes conveying water from the supply facilities to the retail distribution system. Major assets in this program include the terminal reservoirs, such as those at Powell Butte, Kelly Butte, and Washington Park. The program provides for the rehabilitation, replacement, and expansion of smaller reservoir system assets. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	235,000	110,000	110,000	110,000	110,000	110,000	550,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Washington Park								
	Confidence:	Low		Total Project Cost:	170,100,000		Area:	West
				Original Cost:	61,132,686		Objective:	Mandated
Project Description								
The project will plan, design, and construct a new seismically resilient buried reservoir to replace open Reservoir #3 at Washington Park. This project is part of compliance with the federal LT2 mandate to replace the open reservoirs. It is assumed that Reservoir #4 will be used as the overflow detention, dechlorination, and stormwater structure. The buried reservoir would be topped with a reflecting pond and historical features will be protected as much as possible. In FY 2016-17, this project will begin construction. Confidence level has been reduced to low given the geotechnical requirements. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	14,062,747	4,510,000	31,000,000	50,000,000	31,000,000	19,000,000	4,500,000	135,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Treatment								
NEW - Chlorine Scrubber Replacement								
	Confidence:	Low		Total Project Cost:	485,000		Area:	Citywide
				Original Cost:	485,000		Objective:	Replacement
Project Description								
This project will replace the existing liquid media chlorine scrubber with a new dry media chlorine scrubber at Headworks facility. The new dry scrubber unit reduces maintenance costs and considerably lowers the risk of a safety issue. In FY 2016-17, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	85,000	400,000	0	0	0	485,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	5-Year Total
Headworks Generator Improvements				Total Project Cost:	1,670,000		Area:	Citywide
Confidence:	Low			Original Cost:	1,670,000		Objective:	Replacement
Project Description								
The Headworks Facilities Plan recommended a new emergency generator, switchgear, and site electrical panels. The existing generator does not have sufficient capacity for current electrical needs. These improvements to the Headworks emergency generator, switchgear, and site electrical panels will provide the greatest risk reduction by mitigating three high-risk conditions. This recommended project will improve or replace the Headworks generator, fuel storage tank, and associated site electrical components. In FY 2016-17, this project will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	43,556	285,500	300,000	890,000	145,000	0	0	1,335,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Treatment				Total Project Cost:	Ongoing		Area:	Undetermined
Confidence:	Optimal			Original Cost:	Ongoing		Objective:	Mandated
Project Description								
The Treatment Program provides for meeting or exceeding the federal and state requirements for a public water system utilizing an unfiltered surface water source as well as a groundwater source. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	100,000	55,000	55,000	548,000	10,952,000	10,952,000	22,562,000
Net Operations and Maintenance Costs			0	0	0	0	0	

